TECHNICAL MANUAL

R32 3D INVERTER CONTROL



INDOOR UNIT
CAC12CD(I)-V(45X)
CAC12CA(I)-V(45V)
CAC18CD(I)-V(45Z)
CAC24CD(I)-V(462)

OUTDOOR UNIT
CAC12CD(O)-V(45Y)
CAC12CA(O)-V(45W)
CAC18CD(O)-V(461)
CAC24CD(O)-V(463)

Table of Contents

Page

1. Specifications 3

1.1 Technical Specifications 3

1.2 Electrical Characteristics 21

2. Capacity Tables 22

2.1 Cooling 22

2.2 Heating 60

3. Dimensional Drawings & Centre of gravity 68

3.1 Dimensional Drawings 68

3.2 Centre of gravity 73

4. Electrical Wiring Diagrams 75

4.1 Indoor unit 75

4.2 Outdoor Unit 77

5. Refrigerant Cycle Diagrams 81

6. Noise Criterion Curves 84

6.1 Indoor Unit 84

6.2 Outdoor Unit 90

7. Air Velocity and Temperature Distributions 96

1. Specifications

1.1 Technical Specifications

Model			/	/	CAC12CA(I)-V
Power supply		V- Ph-Hz	220-1-60	220-1-60	127-1-60
Rated Power Input		W	2000	2000	2000
Rated Current		A	9.5	9.5	17
Compressor	Model		KSK75D32UEZD31	KSN103D42UEZ31	KSK103D32UEZ31
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	1470/2335(30/60rps)	3220	2020/3245 ±3%
	Input	W	235/605(30/60rps)	813	332/850 ±3%
	Rated current(RLA)	A	4.0	4.9	2.42/5.70 ±3%
	Locked rotor Amp(LRA)	A	/	/	/
	Thermal protector		/	/	/
	Thermal protector position		/	/	/
	Capacitor	uF	/	/	/
	Refrigerant oil/oil charge	ml	VG74 240±10	POE VG74 280	ESTER OIL VG74 280 ±10
Indoor fan motor	Model		ZKFP-30-8-357L	ZKFP-30-8-357L	ZKFP-20-8-113
	Input	W	42.9	42.9	35
	Output	W	30	30	20
	Insulation class		B	B	E
	Waterproofing class		IP20	IP20	IP20
	Capacitor	uF	/	/	/
	Speed(Hi/Mi/Lo)	r/min	1050/910//840	1000/900/850	1100/940/860
Indoor coil	Number of rows		2	2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6+18x17.3	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.3	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	530x72x17.3+530x117x23.2+530x108x17.3	620x195x23.2+620x97.5x23.2	530x195x23.2+530x97.5x23.2
	Number of circuits		3	3	3
Indoor air flow (Hi/Mi/Lo)		m3/h	550/400/330	580/440/370	550/380/300
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	39/33.5/31	39/33.5/31.5	39.5/32.5/30
Indoor unit	Dimension(W*D*H)	mm	723x199x286	813x201x289	723x199x286
	Packing (W*D*H)	mm	780x270x365	870x270x365	780x270x365
	Net/Gross weight	kg	7.3/9.5	7.975/10.275	7.6/9.8
Outdoor fan motor	Model		ZKFN-25-10-6L	ZKFN-25-10-6L	ZKFN-25-10-5L
	Input	W	55.5	55.5	57.9
	Output	W	25	25	25
	Insulation class		B	B	B
	Waterproofing class		IP24	IP24	IP24
	Capacitor	uF	/	/	/
	Speed	r/min	950/700	850/650	800/600

Outdoor coil	Number of rows		1	1	1
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.2	1.2	1.2
	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	740x468x11.6	740x468x11.6	740x468x11.6
	Number of circuits		2	2	2
Outdoor air flow		m3/h	1800	1800	1800
Outdoor sound pressure level		dB(A)	53	52.5	52.5
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	720x270x495
	Packing (W*D*H)	mm	835x300x540	835x300x540	835x300x540
	Net/Gross weight	kg	19/20.8	20.475/22.275	20.5/22.5
Refrigerant	Type		R32	R32	R32
	Charged quantity	kg	0.35	0.38	0.38
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25	25	25
	Max. difference in level	m	10	10	10
Connection wiring			1.5x4	1.5x4	1.5x4
Plug type			no-plug	no-plug	no-plug
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature			16-30	16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32	16~32	16~32
	Outdoor(cooling/heating)	°C	0~50	0~50	0~50
Qty'per 20' /40' /40'HQ			140/290/320	130/275/310	140/290/320

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			/	/
Power supply		V- Ph-Hz	115-1-60	115-1-60
Rated Power Input		W	2000	1800
Rated Current		A	17	17
Compressor	Model		KSK103D32UEZ31	KSK103D32UEZ31
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	2020/3245 ±3%	2020/3245 ±3%
	Input	W	332/850 ±3%	332/850 ±3%
	Rated current(RLA)	A	2.42/5.70 ±3%	2.42/5.70 ±3%
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		/	/
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 280 ±10	ESTER OIL VG74 280 ±10
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-15-4-28-1
	Input	W	46	46
	Output	W	15	15
	Insulation class		E	E
	Waterproofing class		IPX0	IPX0
	Capacitor	uF	3	3
	Speed(Hi/Mi/Lo)	r/min	1150/1010/940	1150/1010/940
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6+18x17.3	19.5x11.6+18x17.3
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	620x72x17.3+620x117x23.2+620 x108x17.3	620x72x17.3+620x117x23.2+620 x108x17.3
	Number of circuits		3	3
Indoor air flow (Hi/Mi/Lo)		m3/h	670/580/460	592/424/332
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	39.0/34.5/32.0	39.5/34.0/32.0
Indoor unit	Dimension(W*D*H)	mm	813x201x289	813x201x289
	Packing (W*D*H)	mm	870x270x365	870x270x365
	Net/Gross weight	kg	8.5/10.4	8/10.4
Outdoor fan motor	Model		ZKFN-25-10-5L	ZKFN-25-10-5L
	Input	W	57.9	57.9
	Output	W	25	25
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	950/700	850/650
Outdoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.2	1.2
	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	600x429x11.6	740x468x11.6
	Number of circuits		2	2

Outdoor air flow		m3/h	1300	1800
Outdoor sound pressure level		dB(A)	54.5	57.5
Outdoor unit	Dimension(W*D*H)	mm	668x252x469	720x270x495
	Packing (W*D*H)	mm	765x270x525	835x300x540
	Net/Gross weight	kg	18.3/19.9	21.2/23.1
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.38	0.47
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			16#x4	16#x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32	16~32/0~30
	Outdoor(cooling/heating)	°C	0~50	0~50/-15~24
Qty'per 20' /40' /40'HQ			150/305/350	130/275/310

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			/	/
Power supply		V- Ph-Hz	220-230-1-60	220-230-1-60
Rated Power Input		W	2000	2100
Rated Current		A	13	9.0
Compressor	Model		KSK103D32UEZ31	KSK103D32UEZ31
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	2020/3245 ±3%	2020/3245 ±3%
	Input	W	332/850 ±3%	332/850 ±3%
	Rated current(RLA)	A	2.42/5.70 ±3%	2.42/5.70 ±3%
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		/	/
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 280 ±10	ESTER OIL VG74 280 ±10
Indoor fan motor	Model		YKFG-20-4-10L	YKFG-20-4-10L
	Input	W	47.4	47.4
	Output	W	20	20
	Insulation class		E	E
	Waterproofing class		IPX0	IPX0
	Capacitor	uF	1.5	1.5
	Speed(Hi/Mi/Lo)	r/min	1150/1010/940	1150/1010/940
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6+18x17.3	19.5x11.6+18x17.3
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	620x72x17.3+620x117x23.2+620 x108x17.3	620x72x17.3+620x117x23.2+620 x108x17.3
	Number of circuits		3	3
Indoor air flow (Hi/Mi/Lo)		m3/h	592/424/332	670/580/460
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	40/34.5/32	40.0/35.0/32.5
Indoor unit	Dimension(W*D*H)	mm	813x201x289	813x201x289
	Packing (W*D*H)	mm	870x270x365	870x270x365
	Net/Gross weight	kg	8/10.3	8/10.4
Outdoor fan motor	Model		ZKFN-25-10-6L	ZKFN-25-10-6L
	Input	W	55.5	55.5
	Output	W	25	25
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	850/750	950/700

Outdoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.2	1.2
	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	740x468x11.6	600x429x11.6
	Number of circuits		2	2
Outdoor air flow		m3/h	1800	1300
Outdoor sound pressure level		dB(A)	56	54.0
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	668x252x469
	Packing (W*D*H)	mm	835x300x540	765x270x525
	Net/Gross weight	kg	19.8/21.8	17.2/18.9
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.47	0.38
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			16#x4/	16#x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32
	Outdoor(cooling/heating)	°C	0~50/-15~24	0~50
Qty'per 20' /40' /40'HQ			130/275/310	150/305/350

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			CAC18CD(I)-V	/
Power supply		V- Ph-Hz	220-230-1-60	220-230-1-60
Rated Power Input		W	2500	2500
Rated Current		A	13.5	13.5
Compressor	Model		KSK103D32UEZ31	KSK103D32UEZ31
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	2020/3245 ±3%	2020/3245 ±3%
	Input	W	332/850 ±3%	332/850 ±3%
	Rated current(RLA)	A	2.42/5.70 ±3%	2.42/5.70 ±3%
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		/	/
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 280 ±10	ESTER OIL VG74 280 ±10
Indoor fan motor	Model		ZKFP-35-10-188L	ZKFP-35-10-188L
	Input	W	60	60
	Output	W	35	35
	Insulation class		B	B
	Waterproofing class		IP20	IP20
	Capacitor	uF	1.5	1.5
	Speed(Hi/Mi/Lo)	r/min	1150/1010/940	1150/1010/940
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	770x195x23.2+770x117x23.2	770x195x23.2+770x117x23.2
	Number of circuits		4	4
Indoor air flow (Hi/Mi/Lo)		m3/h	850/650/550	850/650/550
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	43.5/40.5/33	43.5/41.5/33
Indoor unit	Dimension(W*D*H)	mm	975x218x308	975x218x308
	Packing (W*D*H)	mm	1035x295x385	1035x295x385
	Net/Gross weight	kg	10.1/13.2	10.0/13.2
Outdoor fan motor	Model		ZKFN-25-10-5L	ZKFN-25-10-5L
	Input	W	57.9	55.5
	Output	W	25	25
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	810/450	850/550

Outdoor coil	Number of rows		1.6	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	21x13.37
	Fin spacing	mm	1.2	1.4
	Fin type (code)		Unhydrophilic aluminium	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube
	Coil length x height x width	mm	755x507x11.6+462x507x11.6	755x504x13.37+735x504x13.37
	Number of circuits		4	4
Outdoor air flow		m3/h	2100	2100
Outdoor sound pressure level		dB(A)	55.5	57
Outdoor unit	Dimension(W*D*H)	mm	765x303x555	765x303x555
	Packing (W*D*H)	mm	887x337x610	887x337x610
	Net/Gross weight	kg	22.4/24.7	24.4/26.7
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.67	0.9
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")
	Max. refrigerant pipe length	m	30	30
	Max. difference in level	m	20	20
Connection wiring			16#x4/	16#x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32	16~32/0~30
	Outdoor(cooling/heating)	°C	0~50	0~50/-15~24
Qty'per 20' /40' /40'HQ			92/198/225	92/198/225

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			CAC24CD(I)-V	/
Power supply		V- Ph-Hz	220-230-1-60	220-230-1-60
Rated Power Input		W	3000	2840
Rated Current		A	13.5	13
Compressor	Model		KSN140D33UFZB3	KSN140D33UFZB3
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	2690/4350	2690/4350
	Input	W	434/1127	434/1127
	Rated current(RLA)	A	3.18/6.9	3.18/6.9
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		/	/
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 420±10	ESTER OIL VG74 420±10
Indoor fan motor	Model		ZKFP-45-10-30L	ZKFP-45-10-30L
	Input	W	76	76
	Output	W	45	45
	Insulation class		B	B
	Waterproofing class		IP20	IP20
	Capacitor	uF	/	/
	Speed(Hi/Mi/Lo)	r/min	1050/910/840	1050/910/840
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	820x214.5x23.2+820x117x23.2	820x214.5x23.2+820x117x23.2
	Number of circuits		6	6
Indoor air flow (Hi/Mi/Lo)		m3/h	1150/840/670	1150/840/670
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	45/39.5/37.5	45/39.5/36
Indoor unit	Dimension(W*D*H)	mm	1055x231x330	1055x231x330
	Packing (W*D*H)	mm	1130x405x310	1130x405x310
	Net/Gross weight	kg	11.9/15.4	12/15.5
Outdoor fan motor	Model		ZKFN-34-10-1L-1	ZKFN-34-10-1L-1
	Input	W	54.5	54.5
	Output	W	34	34
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	900/700/550	950/700/550

Outdoor coil	Number of rows		1.6	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	21x22
	Fin spacing	mm	1.2	1.3
	Fin type (code)		Unhydrophilic aluminium	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube
	Coil length x height x width	mm	875x507x11.6+510x507x11.6	860x504x44
	Number of circuits		2	6
Outdoor air flow		m3/h	2400	2300
Outdoor sound pressure level		dB(A)	58	57
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	805x330x554
	Packing (W*D*H)	mm	915x370x615	915x370x615
	Net/Gross weight	kg	27.2/29.7	31.8/34.2
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.75	1.1
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	30	30
	Max. difference in level	m	20	20
Connection wiring			16#x4/	16#x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32	16~32/0~30
	Outdoor(cooling/heating)	°C	0~50	0~50/-15~24
Qty'per 20' /40' /40'HQ			78/165/190	78/165/190

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			/	/
Power supply		V- Ph-Hz	220-230-1-60	115-1-60
Rated Power Input		W	2100	2000
Rated Current		A	9	17
Compressor	Model		KSN98D13UEZ32	KSN98D13UEZ32
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	1915/3050±3%	1915/3050±3%
	Input	W	310/800±3%	310/800±3%
	Rated current(RLA)	A	2.35/4.95±3%	2.35/4.95±3%
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		/	/
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	POE VG74 280±10	POE VG74 280±10
Indoor fan motor	Model		YKFG-20-4-10L	YKFG-15-4-28-1
	Input	W	47.4	46
	Output	W	20	15
	Insulation class		E	E
	Waterproofing class		IPX0	IPX0
	Capacitor	uF	1.5	3
	Speed(Hi/Mi/Lo)	r/min	1150/1010/940	1150/1010/940
Indoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	18x17.3	18x17.3
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	620x72x17.3+620x108x17.3+620 x108x17.3	620x72x17.3+620x108x17.3+620 x108x17.3
	Number of circuits		2	2
Indoor air flow (Hi/Mi/Lo)		m3/h	660/395/300	650/400/310
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	42/35.5/32	42.5/34/31
Indoor unit	Dimension(W*D*H)	mm	813x201x289	813x201x289
	Packing (W*D*H)	mm	870x270x365	870x270x365
	Net/Gross weight	kg	7.8/10	7.8/10.1
Outdoor fan motor	Model		ZKFN-25-10-6L	ZKFN-25-10-5L
	Input	W	55.5	57.9
	Output	W	25	25
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	900/750	950/700

Outdoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.2	1.2
	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	600x429x11.6	600x429x11.6
	Number of circuits		2	2
Outdoor air flow		m3/h	1300	1300
Outdoor sound pressure level		dB(A)	55	55.5
Outdoor unit	Dimension(W*D*H)	mm	668x252x469	668x252x469
	Packing (W*D*H)	mm	765x270x525	765x270x525
	Net/Gross weight	kg	17.2/18.8	18.2/19.8
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.36	0.36
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			16#x4/	16#x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32	16~32
	Outdoor(cooling/heating)	°C	0~50	0~50
Qty'per 20' /40' /40'HQ			150/305/350	150/305/350

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			/	/
Power supply		V- Ph-Hz	220-230-1-60	115-1-60
Rated Power Input		W	2200	2000
Rated Current		A	10	17
Compressor	Model		KSN98D13UEZ32	KSN98D13UEZ32
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	1915/3050±3%	1915/3050±3%
	Input	W	310/800±3%	310/800±3%
	Rated current(RLA)	A	2.35/4.95±3%	2.35/4.95±3%
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		/	/
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	POE VG74 280±10	POE VG74 280±10
Indoor fan motor	Model		YKFG-20-4-10L	YKFG-15-4-28-1
	Input	W	47.4	46
	Output	W	20	15
	Insulation class		E	E
	Waterproofing class		IPX0	IPX0
	Capacitor	uF	1.5	3
	Speed(Hi/Mi/Lo)	r/min	1150/1010/940	1150/1010/940
Indoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	18x17.3	18x17.3
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	620x72x17.3+620x108x17.3+620 x108x17.3	620x72x17.3+620x108x17.3+620 x108x17.3
	Number of circuits		2	2
Indoor air flow (Hi/Mi/Lo)		m3/h	660/500/410	660/500/410
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	42/36/34	42/36/33.5
Indoor unit	Dimension(W*D*H)	mm	813x201x289	813x201x289
	Packing (W*D*H)	mm	870x270x365	870x270x365
	Net/Gross weight	kg	7.8/10	7.8/10.1
Outdoor fan motor	Model		ZKFN-25-10-6L	ZKFN-25-10-5L
	Input	W	55.5	57.9
	Output	W	25	25
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	850/650	850/650

Outdoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.2	1.2
	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	740x468x11.6	740x468x11.6
	Number of circuits		2	2
Outdoor air flow		m3/h	1800	1800
Outdoor sound pressure level		dB(A)	57	57
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495
	Packing (W*D*H)	mm	835x300x540	835x300x540
	Net/Gross weight	kg	19.7/21.5	21/22.8
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.43	0.43
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			16#x4/	16#x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32	16~32/0~30
	Outdoor(cooling/heating)	°C	0~50	0~50/-15~24
Qty'per 20' /40' /40'HQ			130/275/310	130/275/310

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			/	CAC12CD(I)-V
Power supply		V- Ph-Hz	220-1-60	220-230-1-60
Rated Power Input		W	2000	2000
Rated Current		A	9.5	9.5
Compressor	Model		GSX073BKQF6JV5	GSX089CKQF6JV5
	Type		ROTARY	ROTARY
	Brand		HIGHLY	HIGHLY
	Capacity	W	2585	850
	Input	W	605	3000
	Rated current(RLA)	A	2.05	2.5
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		NA	NA
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	POE VG68 /240	POE VG68 240±10
Indoor fan motor	Model		ZKFP-31-8-1L	ZKFP-31-8-1L
	Input	W	46.1	46.1
	Output	W	31	31
	Insulation class		B	B
	Waterproofing class		IP20	IP20
	Capacitor	uF	1.5	1.5
	Speed(Hi/Mi/Lo)	r/min	1050/910/840	1250/1050//950
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6+18x17.3	19.5x11.6
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	530x72x17.3+530x117x23.2+530 x108x17.3	530x195x23.2+530x97.5x23.2
	Number of circuits		2	3
Indoor air flow (Hi/Mi/Lo)		m3/h	517/403/330	600/480/420
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	38.5/34/28.5	44/38/34.5
Indoor unit	Dimension(W*D*H)	mm	723x199x286	723x199x286
	Packing (W*D*H)	mm	780x270x365	780x270x365
	Net/Gross weight	kg	7.1/9.3	7.3/9.5
Outdoor fan motor	Model		ZKFN-41-10-1L	ZKFN-41-10-1L
	Input	W	57	57
	Output	W	41	41
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	850/560	850/560

Outdoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6
	Fin spacing	mm	1.2	1.2
	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	600x429x11.6	740x468x11.6
	Number of circuits		2	2
Outdoor air flow		m3/h	1300	1800
Outdoor sound pressure level		dB(A)	51.5	55.5
Outdoor unit	Dimension(W*D*H)	mm	668x252x469	720x270x495
	Packing (W*D*H)	mm	765x270x525	828x298x540
	Net/Gross weight	kg	16.6/18.2	19/20.9
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.33	0.36
Design pressure		MPa	4.3/1.7	4.3/1.5
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			1.5x4	1.5x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32	16~32
	Outdoor(cooling/heating)	°C	0~50	0~50
Qty'per 20' /40' /40'HQ			155/320/365	140/290/320

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

Model			/	/
Power supply		V- Ph-Hz	220-230-1-60	220-230-1-60
Rated Power Input		W	2200	2200
Rated Current		A	10.5	10.5
Compressor	Model		GSX073BKQF6JV5	GSX089CKQF6JV5
	Type		ROTARY	ROTARY
	Brand		HIGHLY	HIGHLY
	Capacity	W	2585	1490/3140/4780±3%
	Input	W	605	370/730/1140±3%
	Rated current(RLA)	A	2.05	2.40/2.50/2.70
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		NA	NA
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	POE VG68 /240	POE VG68 240±10mL
Indoor fan motor	Model		ZKFP-31-8-1L	ZKFP-31-8-1L
	Input	W	46.1	46.1
	Output	W	31	31
	Insulation class		B	B
	Waterproofing class		IP20	IP20
	Capacitor	uF	1.5	1.5
	Speed(Hi/Mi/Lo)	r/min	1250/1050/950	1250/1050/950
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6+18x17.3	19.5x11.6
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube
	Coil length x height x width	mm	530x72x17.3+530x117x23.2+530 x108x17.3	530x195x23.2+530x97.5x23.2
	Number of circuits		2	3
Indoor air flow (Hi/Mi/Lo)		m3/h	660/520/450	630/510/450
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	43.5/38.5/35.5	43.5/37/33
Indoor unit	Dimension(W*D*H)	mm	723x199x286	723x199x286
	Packing (W*D*H)	mm	780x270x365	780x270x365
	Net/Gross weight	kg	7.1/9.3	7.2/9.4
Outdoor fan motor	Model		ZKFN-41-10-1L	ZKFN-41-10-1L
	Input	W	57	57
	Output	W	41	41
	Insulation class		B	B
	Waterproofing class		IP24	IP24
	Capacitor	uF	/	/
	Speed	r/min	800/750	850/560

Outdoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	21x13.37
	Fin spacing	mm	1.2	1.4
	Fin type (code)		Unhydrophilic aluminium	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube
	Coil length x height x width	mm	740x468x11.6	750x462x13.37
	Number of circuits		2	2
Outdoor air flow		m3/h	1800	1800
Outdoor sound pressure level		dB(A)	54	54.5
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495
	Packing (W*D*H)	mm	828x298x540	828x298x540
	Net/Gross weight	kg	19.2/21.0	19.9/21.8
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.39	0.56
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			1.5x4	1.5x4
Plug type			no-plug	no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16~30	16~30
Ambient temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	0~50/-15~24	0~50/-15~24
Qty'per 20' /40' /40'HQ			140/290/320	140/290/320

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB
-Interconnecting Piping Length 5m
- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
- Interconnecting Piping Length 5 m
- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.

1.2 Electrical Characteristics

Models	Outdoor Unit			Power Supply			IFM		Compressor		OFM		
	Phase	Hz	Voltage	MCA	MOP	MFA	W	FLA	MSC	RLA	Qty	W	FLA
/	1	60	220	3.50	5.55	15	31	0.44	/	2.05	1	41	0.499
/				5.96	9.96	15	30	0.29	/	4.0	1	25	0.67
/				7.09	11.99	15	30	0.29	/	4.9	1	25	0.67
CAC12CA(I)-V			127	8.15	13.85	15	20	0.26	/	5.7	1	25	0.76
/			115	8.15	13.85	15	15	0.425	/	5.7	1	25	0.6
/				8.15	13.85	15	15	0.425	/	5.7	1	25	0.6
/				7.21	12.16	15	15	0.425	/	4.95	1	25	0.6
/				7.21	12.16	15	15	0.425	/	4.95	1	25	0.6
/			220-230 Min:198 Max:253	3.50	5.55	15	31	0.44	/	2.05	1	41	0.499
CAC12CD(I)-V				4.06	6.56	15	31	0.44	/	2.5	1	41	0.499
/				4.06	6.56	15	31	0.44	/	2.5	1	41	0.499
/				7.08	12.03	15	20	0.218	/	4.95	1	25	0.674
/				7.08	12.03	15	20	0.218	/	4.95	1	25	0.674
/				8.02	13.72	15	20	0.218	/	5.7	1	25	0.674
/				8.02	13.72	15	20	0.218	/	5.7	1	25	0.674
CAC18CD(I)-V				8.29	13.99	20	35	0.56	/	5.7	1	25	0.6
/				8.29	13.99	20	35	0.56	/	5.7	1	25	0.6
CAC24CD(I)-V				9.80	16.70	25	45	0.44	/	6.9	1	34	0.73
/				9.795	16.70	25	45	0.44	/	6.9	1	34	0.73

Notes:

MCA: Minimum Circuit Amperes (A)

MOP: Maximum rating over current protective device

MFA: Maximum Fuse Amperes (A)

MSC: Maximum Starting Current

RLA: Rated Load Amperes (A)

IFM: Indoor Fan Motor

OFM: Outdoor Fan Motor

FLA: Full Load Amperes (A)

2. Capacity Tables

2.1 Cooling

INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃) / ID DB (℃)	16.0				18.0				19.0				22.0			
			23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
330	0	TC	2.35	2.35	2.35	2.36	2.49	2.49	2.49	2.50	2.64	2.64	2.64	2.65	2.80	2.80	2.80	2.81
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.29	0.29	0.29	0.29	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35
	5	TC	2.21	2.22	2.22	2.22	2.35	2.35	2.35	2.35	2.49	2.49	2.49	2.50	2.64	2.64	2.64	2.65
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32
	10	TC	2.07	2.08	2.08	2.08	2.20	2.20	2.20	2.21	2.33	2.33	2.34	2.34	2.47	2.47	2.48	2.48
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.29	0.29	0.29	0.29	0.30	0.31	0.31	0.31
	15	TC	2.05	2.05	2.05	2.06	2.17	2.18	2.18	2.18	2.30	2.31	2.31	2.31	2.44	2.44	2.45	2.45
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34
	20	TC	2.03	2.03	2.03	2.03	2.15	2.15	2.15	2.15	2.28	2.28	2.28	2.28	2.41	2.42	2.42	2.42
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37
	25	TC	2.00	2.00	2.01	2.01	2.12	2.12	2.13	2.13	2.25	2.25	2.25	2.26	2.38	2.39	2.39	2.39
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.38	0.40	0.40	0.40	0.40
	30	TC	2.02	2.02	2.03	2.03	2.14	2.15	2.15	2.15	2.27	2.27	2.28	2.28	2.41	2.41	2.41	2.42
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.43	0.43	0.43	0.43	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51
	35	TC	2.07	2.07	2.07	2.07	2.19	2.19	2.20	2.20	2.32	2.32	2.33	2.33	2.46	2.46	2.47	2.47
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.66	0.66	0.66	0.67
	40	TC	1.79	1.79	1.80	1.80	1.90	1.90	1.90	1.91	2.01	2.02	2.02	2.02	2.13	2.14	2.14	2.14
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.49	0.49	0.50	0.50	0.52	0.52	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
	45	TC	1.39	1.39	1.39	1.39	1.47	1.47	1.47	1.47	1.56	1.56	1.56	1.56	1.65	1.65	1.65	1.66
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46	0.48	0.48	0.48	0.49
	50	TC	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.94	0.94
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33
400	0	TC	2.50	2.50	2.51	2.51	2.65	2.65	2.66	2.66	2.81	2.81	2.81	2.82	2.98	2.98	2.98	2.99
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.30	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36
	5	TC	2.36	2.36	2.36	2.37	2.50	2.50	2.50	2.51	2.65	2.65	2.65	2.66	2.81	2.81	2.81	2.82
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33
	10	TC	2.21	2.21	2.21	2.22	2.34	2.34	2.35	2.35	2.48	2.48	2.49	2.49	2.63	2.63	2.64	2.64
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32
	15	TC	2.18	2.19	2.19	2.19	2.31	2.32	2.32	2.32	2.45	2.46	2.46	2.46	2.60	2.60	2.61	2.61
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.29	0.29	0.29	0.30	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35
	20	TC	2.16	2.16	2.16	2.16	2.29	2.29	2.29	2.29	2.42	2.43	2.43	2.43	2.57	2.57	2.57	2.58
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38
	25	TC	2.13	2.13	2.14	2.14	2.26	2.26	2.26	2.27	2.39	2.40	2.40	2.40	2.54	2.54	2.54	2.55
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.42
	30	TC	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.43	2.56	2.57	2.57	2.57
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.45	0.45	0.45	0.45	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53
	35	TC	2.20	2.20	2.21	2.21	2.33	2.34	2.34	2.34	2.47	2.47	2.48	2.48	2.62	2.62	2.63	2.63
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.65	0.65	0.65	0.66	0.69	0.69	0.69	0.69
	40	TC	1.91	1.91	1.91	1.91	2.02	2.02	2.03	2.03	2.14	2.15	2.15	2.15	2.27	2.27	2.28	2.28
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.62	0.62	0.62
	45	TC	1.48	1.48	1.48	1.48	1.56	1.57	1.57	1.57	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.76
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.42	0.42	0.43	0.43	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51
	50	TC	0.83	0.84	0.84	0.84	0.88	0.89	0.89	0.89	0.94	0.94	0.94	0.94	0.99	0.99	1.00	1.00
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.29	0.29	0.29	0.29	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35

550	0	TC	2.66	2.66	2.67	2.67	2.82	2.82	2.83	2.83	2.99	2.99	3.00	3.00	3.17	3.17	3.18	3.18
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38
	5	TC	2.51	2.51	2.51	2.52	2.66	2.66	2.67	2.67	2.82	2.82	2.83	2.83	2.99	2.99	2.99	3.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.29	0.29	0.29	0.30	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35
	10	TC	2.35	2.35	2.36	2.36	2.49	2.50	2.50	2.50	2.64	2.65	2.65	2.65	2.80	2.80	2.81	2.81
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34
	15	TC	2.32	2.33	2.33	2.33	2.46	2.47	2.47	2.47	2.61	2.61	2.62	2.62	2.77	2.77	2.77	2.78
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37
	20	TC	2.30	2.30	2.30	2.30	2.43	2.44	2.44	2.44	2.58	2.58	2.59	2.59	2.73	2.74	2.74	2.74
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40
	25	TC	2.27	2.27	2.27	2.28	2.40	2.41	2.41	2.41	2.55	2.55	2.55	2.56	2.70	2.70	2.71	2.71
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44
	30	TC	2.29	2.29	2.30	2.30	2.43	2.43	2.43	2.44	2.57	2.58	2.58	2.58	2.73	2.73	2.74	2.74
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56
	35	TC	2.34	2.35	2.35	2.35	2.48	2.49	2.49	2.49	2.63	2.63	**2.64**	2.64	2.79	2.79	2.80	2.80
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	**0.69**	0.69	0.73	0.73	0.73	0.73
	40	TC	2.03	2.03	2.04	2.04	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.43
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.54	0.54	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65
	45	TC	1.57	1.57	1.57	1.58	1.67	1.67	1.67	1.67	1.76	1.77	1.77	1.77	1.87	1.87	1.88	1.88
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.45	0.45	0.45	0.45	0.47	0.47	0.48	0.48	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53
	50	TC	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
370	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.38	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.40	0.40	0.40	0.40	0.42	0.42	0.42	0.42
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.40	0.42	0.42	0.42	0.42	0.44	0.44	0.44	0.44
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46	0.48	0.48	0.48	0.48
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.44	0.44	0.44	0.44	0.47	0.47	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.56	0.56	0.56	0.57	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.73	0.73	0.74	0.74	0.78	0.78	0.78	0.78	0.82	0.83	0.83	0.83	0.87	0.87	0.88	0.88
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.74	0.78	0.78	0.78	0.78
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44
440	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.40	0.40	0.40	0.40	0.43	0.43	0.43	0.43	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.38	0.40	0.40	0.40	0.40	0.42	0.42	0.42	0.42
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44	0.46	0.46	0.46	0.46
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.42	0.42	0.42	0.42	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.50	0.50	0.50	0.51
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49	0.51	0.52	0.52	0.52	0.55	0.55	0.55	0.55
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.63	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.77	0.77	0.77	0.77	0.81	0.81	0.81	0.82	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.92
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.77	0.77	0.77	0.81	0.81	0.81	0.81
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.38	0.38	0.39	0.39	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46

580	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.42	0.42	0.42	0.43	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.50	0.51	0.51	0.51
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44	0.46	0.46	0.46	0.46
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.37	0.37	0.37	0.37	0.39	0.39	0.40	0.40	0.42	0.42	0.42	0.42	0.44	0.44	0.44	0.44
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.44	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.45	0.45	0.45	0.45	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.58	0.58	0.58	0.58
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.91	0.91	**0.91**	0.91	0.96	0.96	0.96	0.97
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.66	0.66	0.66	0.67	0.70	0.70	0.70	0.71
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46	0.48	0.48	0.48	0.48

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

CAC12CA(I)-V+CAC12CA(O)-V																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
300	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.43	0.43	0.43	0.43	0.45	0.46	0.46	0.46	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.39	0.39	0.39	0.39	0.42	0.42	0.42	0.42	0.44	0.44	0.44	0.44	0.47	0.47	0.47	0.47
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40	0.42	0.42	0.42	0.42	0.45	0.45	0.45	0.45
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.41	0.41	0.42	0.42	0.44	0.44	0.44	0.44	0.47	0.47	0.47	0.47	0.49	0.49	0.49	0.50
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.59
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.97	0.98	0.98	0.98
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.73	0.73	0.73	0.73	0.77	0.77	0.77	0.77	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.64	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49
380	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.50	0.50	0.50	0.51	0.53	0.53	0.54	0.54
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.41	0.41	0.41	0.41	0.43	0.44	0.44	0.44	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.39	0.39	0.39	0.39	0.42	0.42	0.42	0.42	0.44	0.44	0.44	0.44	0.47	0.47	0.47	0.47
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.58	0.58	0.61	0.61	0.61	0.61
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74	0.78	0.78	0.78	0.78
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.85	0.86	0.86	0.86	0.91	0.91	0.91	0.91	0.96	0.96	0.96	0.96	1.02	1.02	1.02	1.02
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.85	0.85	0.86	0.86	0.90	0.91	0.91	0.91
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.62	0.62	0.63	0.63	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.75
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.43	0.43	0.43	0.43	0.45	0.45	0.46	0.46	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51

550	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.41	0.42	0.42	0.42	0.44	0.44	0.44	0.44	0.47	0.47	0.47	0.47	0.49	0.49	0.50	0.50
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.46	0.46	0.46	0.46	0.48	0.48	0.48	0.49	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.55
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.64
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.74	0.78	0.78	0.78	0.78	0.82	0.82	0.83	0.83
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	0.90	0.90	0.90	0.90	0.96	0.96	0.96	0.96	1.01	1.01	**1.02**	1.02	1.07	1.07	1.08	1.08
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.95	0.95	0.96	0.96
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74	0.78	0.78	0.79	0.79
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
460	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.57	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.60	0.60	0.60	0.60
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.78	0.78	0.78	0.78
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	0.99	1.00	1.00	1.00
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.09	1.09	1.09	1.09	1.15	1.16	1.16	1.16	1.22	1.22	1.23	1.23	1.30	1.30	1.30	1.30
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.15	1.16
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.79	0.80	0.80	0.80	0.84	0.84	0.84	0.85	0.89	0.89	0.89	0.90	0.95	0.95	0.95	0.95
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65
580	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.52	0.52	0.52	0.53	0.55	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.63
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.77	0.77	0.81	0.81	0.81	0.81
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.87	0.87	0.87	0.88	0.92	0.93	0.93	0.93	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.14	1.14	1.14	1.14	1.21	1.21	1.21	1.21	1.28	1.28	1.28	1.28	1.35	1.36	1.36	1.36
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.14	1.14	1.14	1.20	1.20	1.21	1.21
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.94	0.99	0.99	0.99	0.99
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.57	0.57	0.57	0.57	0.60	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68

670	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.55	0.55	0.55	0.55	0.58	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.65	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.73
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.75	0.75	0.79	0.79	0.79	0.79
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.85	0.85	0.86	0.86
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.92	0.92	0.92	0.92	0.97	0.98	0.98	0.98	1.03	1.03	1.04	1.04	1.10	1.10	1.10	1.10
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.28	1.35	1.35	**1.35**	1.35	1.43	1.43	1.43	1.43
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.06	1.07	1.07	1.07	1.13	1.13	1.13	1.13	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.27
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.87	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.98	0.98	0.99	0.99	1.04	1.04	1.04	1.05
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
332	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.49	0.50	0.50	0.50	0.52	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.43	0.43	0.44	0.44	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.56	0.56	0.57	0.57	0.60	0.60	0.60	0.60	0.63	0.63	0.64	0.64	0.67	0.67	0.67	0.67
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.72	0.72	0.73	0.73	0.77	0.77	0.77	0.77	0.81	0.81	0.82	0.82	0.86	0.86	0.86	0.87
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.94	0.94	0.95	0.95	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06	1.12	1.12	1.13	1.13
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.95	1.00	1.00	1.00	1.00
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.77	0.77	0.78	0.78	0.82	0.82	0.82	0.82
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.57
424	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.57
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.45	0.45	0.45	0.46	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.60	0.60
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.54	0.54	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.59	0.59	0.59	0.59	0.62	0.63	0.63	0.63	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.76	0.76	0.76	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.99	0.99	0.99	0.99	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.17	1.18	1.18
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.98	0.98	0.99	0.99	1.04	1.04	1.04	1.05
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.77	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.49	0.49	0.50	0.50	0.52	0.52	0.52	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59

592	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.54	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.60	0.60
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.57	0.57	0.57	0.58	0.61	0.61	0.61	0.61	0.64	0.65	0.65	0.65	0.68	0.68	0.68	0.69
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.80	0.80	0.80	0.80	0.84	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.95	0.95	0.95	0.95
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.11	1.17	1.17	**1.17**	1.17	1.24	1.24	1.24	1.24
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.92	0.92	0.93	0.93	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.10
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.76	0.76	0.76	0.76	0.80	0.80	0.81	0.81	0.85	0.85	0.85	0.86	0.90	0.90	0.91	0.91
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
332	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.44	0.45	0.45	0.45	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.43	0.43	0.43	0.43	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.55	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.63	0.66	0.66	0.66	0.66
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.71	0.71	0.71	0.71	0.75	0.76	0.76	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.93	0.93	0.93	0.93	0.98	0.98	0.99	0.99	1.04	1.04	1.04	1.05	1.10	1.11	1.11	1.11
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.82	0.82	0.83	0.83	0.87	0.87	0.88	0.88	0.93	0.93	0.93	0.93	0.98	0.98	0.98	0.98
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.46	0.47	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.56	0.56
424	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.61	0.61	0.61
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.46	0.47	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.56
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.45	0.45	0.45	0.45	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.59	0.59
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.53	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.62	0.62	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.74	0.74	0.74	0.75	0.79	0.79	0.79	0.79	0.83	0.84	0.84	0.84	0.89	0.89	0.89	0.89
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.16	1.16
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.92	0.97	0.97	0.97	0.97	1.02	1.03	1.03	1.03
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75	0.79	0.80	0.80	0.80	0.84	0.84	0.84	0.85
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.49	0.49	0.49	0.49	0.51	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58

592	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.59
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.56	0.56	0.56	0.57	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.64	0.67	0.67	0.67	0.67
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.94	0.94
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.09	1.15	1.15	**1.15**	1.15	1.22	1.22	1.22	1.22
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.91	0.91	0.91	0.91	0.96	0.96	0.96	0.97	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.08
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.75	0.75	0.75	0.75	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
460	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.60	0.60	0.60	0.63	0.63	0.63	0.63
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.48	0.48	0.49	0.49	0.51	0.51	0.51	0.51	0.54	0.54	0.55	0.55	0.58	0.58	0.58	0.58
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.46	0.46	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.58	0.61	0.61	0.61	0.61
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.66	0.66	0.66	0.67
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.60	0.60	0.60	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.77	0.77	0.78	0.78	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.93
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.13	1.14	1.14	1.20	1.20	1.20	1.21
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.90	0.90	0.90	0.90	0.95	0.95	0.95	0.95	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.74	0.74	0.74	0.74	0.78	0.78	0.78	0.78	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60
580	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.55	0.55	0.55	0.55	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.48	0.49	0.49	0.49	0.51	0.51	0.52	0.52	0.54	0.55	0.55	0.55	0.58	0.58	0.58	0.58
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.53	0.53	0.53	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.65	0.65	0.65	0.66	0.69	0.69	0.69	0.70
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91	0.96	0.96	0.96	0.97
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.05	1.05	1.06	1.06	1.12	1.12	1.12	1.12	1.18	1.19	1.19	1.19	1.25	1.26	1.26	1.26
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.94	0.94	0.94	0.94	0.99	0.99	0.99	1.00	1.05	1.05	1.05	1.06	1.11	1.12	1.12	1.12
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.77	0.77	0.77	0.77	0.82	0.82	0.82	0.82	0.86	0.87	0.87	0.87	0.92	0.92	0.92	0.92
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.60	0.63	0.63	0.63	0.63

670	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.65	0.66	0.66	0.66	0.69	0.69	0.70	0.70
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.53	0.53	0.53	0.53	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.63	0.64	0.64	0.64
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.58	0.58	0.58	0.61	0.61	0.61	0.61
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.56	0.56	0.56	0.56	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.66	0.67	0.67	0.67	0.70	0.70	0.71	0.71	0.75	0.75	0.75	0.75	0.79	0.79	0.79	0.79
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.85	0.85	0.85	0.86	0.90	0.90	0.91	0.91	0.96	0.96	0.96	0.96	1.02	1.02	1.02	1.02
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.11	1.11	1.11	1.11	1.18	1.18	1.18	1.18	1.25	1.25	**1.25**	1.25	1.32	1.32	1.33	1.33
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.99	0.99	0.99	0.99	1.05	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.18	1.18	1.18	1.18
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91	0.97	0.97	0.97	0.97
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.66	0.66	0.66	0.67

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

CAC18CD(I)-V																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
550	0	TC	4.69	4.70	4.71	4.71	4.98	4.98	4.99	5.00	5.28	5.28	5.29	5.29	5.59	5.60	5.61	5.61
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.74	0.75	0.75	0.75	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89
	5	TC	4.43	4.43	4.44	4.44	4.69	4.70	4.70	4.71	4.97	4.98	4.99	4.99	5.27	5.28	5.28	5.29
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.77	0.77	0.77	0.81	0.81	0.81	0.81
	10	TC	4.15	4.15	4.16	4.16	4.40	4.40	4.41	4.41	4.66	4.67	4.67	4.68	4.94	4.95	4.95	4.96
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.65	0.65	0.65	0.66	0.69	0.69	0.69	0.69	0.73	0.73	0.74	0.74	0.78	0.78	0.78	0.78
	15	TC	4.10	4.10	4.11	4.12	4.35	4.35	4.36	4.36	4.61	4.61	4.62	4.62	4.88	4.89	4.89	4.90
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86
	20	TC	4.05	4.06	4.06	4.07	4.29	4.30	4.30	4.31	4.55	4.56	4.56	4.57	4.83	4.83	4.84	4.84
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.94	0.94
	25	TC	4.00	4.01	4.01	4.02	4.24	4.25	4.25	4.26	4.50	4.50	4.51	4.51	4.77	4.77	4.78	4.78
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.95	0.95	0.96	0.96	1.01	1.01	1.01	1.01
	30	TC	4.04	4.05	4.05	4.06	4.29	4.29	4.30	4.30	4.54	4.55	4.55	4.56	4.82	4.82	4.83	4.83
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	1.09	1.09	1.09	1.09	1.15	1.16	1.16	1.16	1.22	1.22	1.23	1.23	1.30	1.30	1.30	1.30
	35	TC	4.13	4.14	4.14	4.15	4.38	4.39	4.39	4.40	4.64	4.65	4.65	4.66	4.92	4.93	4.93	4.94
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.42	1.42	1.42	1.42	1.50	1.51	1.51	1.51	1.59	1.60	1.60	1.60	1.69	1.69	1.69	1.70
	40	TC	3.58	3.59	3.59	3.60	3.80	3.80	3.81	3.81	4.03	4.03	4.04	4.04	4.27	4.27	4.28	4.28
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	1.26	1.26	1.26	1.27	1.34	1.34	1.34	1.34	1.42	1.42	1.42	1.42	1.50	1.50	1.51	1.51
	45	TC	2.77	2.77	2.78	2.78	2.94	2.94	2.94	2.95	3.11	3.12	3.12	3.13	3.30	3.31	3.31	3.31
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.10	1.16	1.17	1.17	1.17	1.23	1.24	1.24	1.24
	50	TC	1.57	1.57	1.57	1.57	1.66	1.66	1.66	1.67	1.76	1.76	1.76	1.77	1.87	1.87	1.87	1.87
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.71	0.71	0.71	0.71	0.75	0.76	0.76	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85
650	0	TC	5.00	5.01	5.01	5.02	5.30	5.31	5.31	5.32	5.62	5.62	5.63	5.64	5.95	5.96	5.97	5.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.78	0.78	0.78	0.78	0.82	0.82	0.83	0.83	0.87	0.87	0.88	0.88	0.93	0.93	0.93	0.93
	5	TC	4.71	4.72	4.72	4.73	5.00	5.00	5.01	5.01	5.29	5.30	5.31	5.31	5.61	5.62	5.63	5.63
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.71	0.71	0.71	0.71	0.75	0.75	0.76	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85
	10	TC	4.42	4.42	4.43	4.43	4.68	4.69	4.69	4.70	4.96	4.97	4.97	4.98	5.26	5.27	5.27	5.28
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.73	0.77	0.77	0.77	0.77	0.81	0.81	0.81	0.82
	15	TC	4.36	4.37	4.38	4.38	4.63	4.63	4.64	4.64	4.90	4.91	4.92	4.92	5.20	5.21	5.21	5.22
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.75	0.75	0.75	0.75	0.80	0.80	0.80	0.80	0.84	0.84	0.84	0.85	0.89	0.89	0.90	0.90
	20	TC	4.31	4.32	4.32	4.33	4.57	4.58	4.58	4.59	4.85	4.85	4.86	4.86	5.14	5.14	5.15	5.16
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.97	0.98	0.98	0.98
	25	TC	4.26	4.27	4.27	4.28	4.52	4.52	4.53	4.53	4.79	4.79	4.80	4.80	5.08	5.08	5.09	5.09
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06
	30	TC	4.30	4.31	4.32	4.32	4.56	4.57	4.57	4.58	4.84	4.84	4.85	4.85	5.13	5.13	5.14	5.15
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	1.14	1.14	1.14	1.14	1.21	1.21	1.21	1.21	1.28	1.28	1.28	1.28	1.35	1.36	1.36	1.36
	35	TC	4.40	4.41	4.41	4.42	4.66	4.67	4.67	4.68	4.94	4.95	4.96	4.96	5.24	5.25	5.25	5.26
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.48	1.48	1.49	1.49	1.57	1.57	1.57	1.58	1.67	1.67	1.67	1.67	1.77	1.77	1.77	1.77
	40	TC	3.81	3.82	3.82	3.83	4.04	4.05	4.05	4.06	4.29	4.29	4.30	4.30	4.54	4.55	4.55	4.56
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	1.32	1.32	1.32	1.32	1.40	1.40	1.40	1.40	1.48	1.48	1.48	1.48	1.57	1.57	1.57	1.57
	45	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.51	3.52	3.52	3.53
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.08	1.08	1.08	1.09	1.15	1.15	1.15	1.15	1.22	1.22	1.22	1.22	1.29	1.29	1.29	1.29
	50	TC	1.67	1.67	1.67	1.67	1.77	1.77	1.77	1.77	1.87	1.88	1.88	1.88	1.99	1.99	1.99	1.99
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.74	0.74	0.74	0.75	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89

850	0	TC	5.32	5.33	5.33	5.34	5.64	5.65	5.65	5.66	5.98	5.99	5.99	6.00	6.34	6.35	6.35	6.36
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.98	0.98	0.98	0.98
	5	TC	5.02	5.02	5.03	5.04	5.32	5.33	5.33	5.34	5.64	5.64	5.65	5.66	5.98	5.98	5.99	6.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.75	0.75	0.75	0.75	0.79	0.80	0.80	0.80	0.84	0.84	0.84	0.85	0.89	0.89	0.90	0.90
	10	TC	4.70	4.71	4.71	4.72	4.99	4.99	5.00	5.00	5.28	5.29	5.30	5.30	5.60	5.61	5.61	5.62
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.77	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86
	15	TC	4.65	4.65	4.66	4.66	4.93	4.93	4.94	4.94	5.22	5.23	5.23	5.24	5.54	5.54	5.55	5.56
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.95
	20	TC	4.59	4.60	4.60	4.61	4.87	4.87	4.88	4.89	5.16	5.17	5.17	5.18	5.47	5.48	5.48	5.49
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.86	0.86	0.86	0.87	0.91	0.92	0.92	0.92	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03
	25	TC	4.54	4.54	4.55	4.55	4.81	4.81	4.82	4.83	5.10	5.10	5.11	5.12	5.40	5.41	5.41	5.42
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.93	0.94	0.94	0.94	0.99	0.99	0.99	0.99	1.05	1.05	1.05	1.05	1.11	1.11	1.12	1.12
	30	TC	4.58	4.59	4.59	4.60	4.86	4.87	4.87	4.88	5.15	5.16	5.16	5.17	5.46	5.47	5.47	5.48
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.28	1.35	1.35	1.35	1.35	1.43	1.43	1.43	1.43
	35	TC	4.68	4.69	4.70	4.70	4.97	4.97	4.98	4.98	5.26	5.27	**5.28**	5.28	5.58	5.59	5.59	5.60
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.56	1.56	1.57	1.57	1.66	1.66	1.66	1.66	1.76	1.76	**1.76**	1.76	1.86	1.86	1.87	1.87
	40	TC	4.06	4.07	4.07	4.08	4.31	4.31	4.32	4.32	4.56	4.57	4.57	4.58	4.84	4.84	4.85	4.86
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.39	1.39	1.39	1.39	1.47	1.47	1.48	1.48	1.56	1.56	1.56	1.57	1.65	1.66	1.66	1.66
	45	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	1.14	1.14	1.14	1.15	1.21	1.21	1.21	1.21	1.28	1.28	1.28	1.29	1.36	1.36	1.36	1.36
	50	TC	1.78	1.78	1.78	1.78	1.88	1.88	1.89	1.89	2.00	2.00	2.00	2.00	2.12	2.12	2.12	2.12
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.94	0.94

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
550	0	TC	4.69	4.70	4.71	4.71	4.98	4.98	4.99	5.00	5.28	5.28	5.29	5.29	5.59	5.60	5.61	5.61
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75	0.80	0.80	0.80	0.80
	5	TC	4.43	4.43	4.44	4.44	4.69	4.70	4.70	4.71	4.97	4.98	4.99	4.99	5.27	5.28	5.28	5.29
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73
	10	TC	4.15	4.15	4.16	4.16	4.40	4.40	4.41	4.41	4.66	4.67	4.67	4.68	4.94	4.95	4.95	4.96
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70
	15	TC	4.10	4.10	4.11	4.12	4.35	4.35	4.36	4.36	4.61	4.61	4.62	4.62	4.88	4.89	4.89	4.90
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.64	0.65	0.65	0.65	0.68	0.68	0.69	0.69	0.72	0.73	0.73	0.73	0.77	0.77	0.77	0.77
	20	TC	4.05	4.06	4.06	4.07	4.29	4.30	4.30	4.31	4.55	4.56	4.56	4.57	4.83	4.83	4.84	4.84
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.70	0.70	0.70	0.71	0.75	0.75	0.75	0.75	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84
	25	TC	4.00	4.01	4.01	4.02	4.24	4.25	4.25	4.26	4.50	4.50	4.51	4.51	4.77	4.77	4.78	4.78
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91
	30	TC	4.04	4.05	4.05	4.06	4.29	4.29	4.30	4.30	4.54	4.55	4.55	4.56	4.82	4.82	4.83	4.83
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.10	1.16	1.17	1.17	1.17
	35	TC	4.13	4.14	4.14	4.15	4.38	4.39	4.39	4.40	4.64	4.65	4.65	4.66	4.92	4.93	4.93	4.94
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.27	1.28	1.28	1.28	1.35	1.35	1.35	1.36	1.43	1.43	1.43	1.44	1.52	1.52	1.52	1.52
	40	TC	3.58	3.59	3.59	3.60	3.80	3.80	3.81	3.81	4.03	4.03	4.04	4.04	4.27	4.27	4.28	4.28
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	1.13	1.13	1.13	1.14	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.28	1.35	1.35	1.35	1.35
	45	TC	2.77	2.77	2.78	2.78	2.94	2.94	2.94	2.95	3.11	3.12	3.12	3.13	3.30	3.31	3.31	3.31
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.93	0.93	0.93	0.93	0.99	0.99	0.99	0.99	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11
	50	TC	1.57	1.57	1.57	1.57	1.66	1.66	1.66	1.67	1.76	1.76	1.76	1.77	1.87	1.87	1.87	1.87
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76
650	0	TC	5.00	5.01	5.01	5.02	5.30	5.31	5.31	5.32	5.62	5.62	5.63	5.64	5.95	5.96	5.97	5.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83
	5	TC	4.71	4.72	4.72	4.73	5.00	5.00	5.01	5.01	5.29	5.30	5.31	5.31	5.61	5.62	5.63	5.63
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76
	10	TC	4.42	4.42	4.43	4.43	4.68	4.69	4.69	4.70	4.96	4.97	4.97	4.98	5.26	5.27	5.27	5.28
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73
	15	TC	4.36	4.37	4.38	4.38	4.63	4.63	4.64	4.64	4.90	4.91	4.92	4.92	5.20	5.21	5.21	5.22
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.67	0.67	0.67	0.68	0.71	0.71	0.72	0.72	0.76	0.76	0.76	0.76	0.80	0.80	0.80	0.80
	20	TC	4.31	4.32	4.32	4.33	4.57	4.58	4.58	4.59	4.85	4.85	4.86	4.86	5.14	5.14	5.15	5.16
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.73	0.74	0.74	0.74	0.78	0.78	0.78	0.78	0.83	0.83	0.83	0.83	0.87	0.88	0.88	0.88
	25	TC	4.26	4.27	4.27	4.28	4.52	4.52	4.53	4.53	4.79	4.79	4.80	4.80	5.08	5.08	5.09	5.09
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.80	0.80	0.80	0.80	0.84	0.84	0.85	0.85	0.89	0.90	0.90	0.90	0.95	0.95	0.95	0.95
	30	TC	4.30	4.31	4.32	4.32	4.56	4.57	4.57	4.58	4.84	4.84	4.85	4.85	5.13	5.13	5.14	5.15
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.09	1.15	1.15	1.15	1.15	1.22	1.22	1.22	1.22
	35	TC	4.40	4.41	4.41	4.42	4.66	4.67	4.67	4.68	4.94	4.95	4.96	4.96	5.24	5.25	5.25	5.26
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42	1.49	1.50	1.50	1.50	1.58	1.59	1.59	1.59
	40	TC	3.81	3.82	3.82	3.83	4.04	4.05	4.05	4.06	4.29	4.29	4.30	4.30	4.54	4.55	4.55	4.56
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	1.18	1.18	1.18	1.19	1.25	1.25	1.26	1.26	1.33	1.33	1.33	1.33	1.41	1.41	1.41	1.41
	45	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.51	3.52	3.52	3.53
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.10	1.16	1.16	1.16	1.16
	50	TC	1.67	1.67	1.67	1.67	1.77	1.77	1.77	1.77	1.87	1.88	1.88	1.88	1.99	1.99	1.99	1.99
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75	0.79	0.80	0.80	0.80

850	0	TC	5.32	5.33	5.33	5.34	5.64	5.65	5.65	5.66	5.98	5.99	5.99	6.00	6.34	6.35	6.35	6.36
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.74	0.74	0.74	0.74	0.78	0.78	0.78	0.78	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88
	5	TC	5.02	5.02	5.03	5.04	5.32	5.33	5.33	5.34	5.64	5.64	5.65	5.66	5.98	5.98	5.99	6.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.67	0.67	0.67	0.68	0.71	0.71	0.72	0.72	0.76	0.76	0.76	0.76	0.80	0.80	0.80	0.80
	10	TC	4.70	4.71	4.71	4.72	4.99	4.99	5.00	5.00	5.28	5.29	5.30	5.30	5.60	5.61	5.61	5.62
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.65	0.65	0.65	0.65	0.68	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.77	0.77	0.77	0.77
	15	TC	4.65	4.65	4.66	4.66	4.93	4.93	4.94	4.94	5.22	5.23	5.23	5.24	5.54	5.54	5.55	5.56
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85
	20	TC	4.59	4.60	4.60	4.61	4.87	4.87	4.88	4.89	5.16	5.17	5.17	5.18	5.47	5.48	5.48	5.49
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.77	0.78	0.78	0.78	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.93
	25	TC	4.54	4.54	4.55	4.55	4.81	4.81	4.82	4.83	5.10	5.10	5.11	5.12	5.40	5.41	5.41	5.42
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.95	1.00	1.00	1.00	1.00
	30	TC	4.58	4.59	4.59	4.60	4.86	4.87	4.87	4.88	5.15	5.16	5.16	5.17	5.46	5.47	5.47	5.48
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	1.08	1.08	1.08	1.08	1.14	1.14	1.14	1.15	1.21	1.21	1.21	1.21	1.28	1.28	1.28	1.29
	35	TC	4.68	4.69	4.70	4.70	4.97	4.97	4.98	4.98	5.26	5.27	**5.28**	5.28	5.58	5.59	5.59	5.60
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.40	1.40	1.41	1.41	1.49	1.49	1.49	1.49	1.58	1.58	**1.58**	1.58	1.67	1.67	1.67	1.68
	40	TC	4.06	4.07	4.07	4.08	4.31	4.31	4.32	4.32	4.56	4.57	4.57	4.58	4.84	4.84	4.85	4.86
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.25	1.25	1.25	1.25	1.32	1.32	1.32	1.33	1.40	1.40	1.40	1.41	1.48	1.49	1.49	1.49
	45	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	1.02	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.15	1.15	1.22	1.22	1.22	1.22
	50	TC	1.78	1.78	1.78	1.78	1.88	1.88	1.89	1.89	2.00	2.00	2.00	2.00	2.12	2.12	2.12	2.12
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.70	0.70	0.71	0.71	0.75	0.75	0.75	0.75	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

CAC24CD(I)-V																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
670	0	TC	5.74	5.75	5.75	5.76	6.08	6.09	6.10	6.11	6.45	6.46	6.46	6.47	6.84	6.84	6.85	6.86
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91	0.96	0.96	0.96	0.97	1.02	1.02	1.02	1.02
	5	TC	5.41	5.42	5.42	5.43	5.74	5.74	5.75	5.76	6.08	6.09	6.09	6.10	6.44	6.45	6.46	6.47
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.94	0.94
	10	TC	5.07	5.08	5.08	5.09	5.38	5.38	5.39	5.40	5.70	5.70	5.71	5.72	6.04	6.05	6.05	6.06
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.75	0.75	0.75	0.75	0.80	0.80	0.80	0.80	0.84	0.85	0.85	0.85	0.89	0.90	0.90	0.90
	15	TC	5.01	5.02	5.02	5.03	5.31	5.32	5.32	5.33	5.63	5.64	5.64	5.65	5.97	5.98	5.98	5.99
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.98	0.99	0.99	0.99
	20	TC	4.95	4.96	4.96	4.97	5.25	5.26	5.26	5.27	5.56	5.57	5.58	5.58	5.90	5.90	5.91	5.92
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.90	0.90	0.90	0.90	0.96	0.96	0.96	0.96	1.01	1.01	1.02	1.02	1.07	1.07	1.08	1.08
	25	TC	4.89	4.90	4.90	4.91	5.19	5.19	5.20	5.20	5.50	5.50	5.51	5.52	5.83	5.83	5.84	5.85
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.10	1.16	1.16	1.17	1.17
	30	TC	4.94	4.95	4.95	4.96	5.24	5.25	5.25	5.26	5.55	5.56	5.57	5.57	5.89	5.89	5.90	5.91
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	1.25	1.25	1.26	1.26	1.33	1.33	1.33	1.33	1.41	1.41	1.41	1.41	1.49	1.49	1.50	1.50
	35	TC	5.05	5.06	5.06	5.07	5.35	5.36	5.37	5.37	5.67	5.68	5.69	5.70	6.02	6.02	6.03	6.04
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.63	1.63	1.64	1.64	1.73	1.73	1.73	1.74	1.83	1.84	1.84	1.84	1.94	1.95	1.95	1.95
	40	TC	4.38	4.38	4.39	4.40	4.64	4.65	4.65	4.66	4.92	4.93	4.93	4.94	5.22	5.22	5.23	5.24
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	1.45	1.45	1.45	1.46	1.54	1.54	1.54	1.54	1.63	1.63	1.63	1.64	1.73	1.73	1.73	1.73
	45	TC	3.39	3.39	3.40	3.40	3.59	3.60	3.60	3.60	3.81	3.81	3.81	3.82	4.04	4.04	4.04	4.05
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	1.19	1.19	1.19	1.20	1.26	1.27	1.27	1.27	1.34	1.34	1.34	1.34	1.42	1.42	1.42	1.42
	50	TC	1.91	1.92	1.92	1.92	2.03	2.03	2.03	2.04	2.15	2.15	2.16	2.16	2.28	2.28	2.29	2.29
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.98	0.98	0.98	0.98
840	0	TC	6.11	6.12	6.12	6.13	6.48	6.49	6.49	6.50	6.86	6.87	6.88	6.89	7.28	7.29	7.29	7.30
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.89	0.90	0.90	0.90	0.95	0.95	0.95	0.95	1.00	1.01	1.01	1.01	1.07	1.07	1.07	1.07
	5	TC	5.76	5.77	5.77	5.78	6.11	6.11	6.12	6.13	6.47	6.48	6.49	6.50	6.86	6.87	6.88	6.89
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.97	0.98	0.98	0.98
	10	TC	5.40	5.41	5.41	5.42	5.72	5.73	5.74	5.74	6.07	6.07	6.08	6.09	6.43	6.44	6.44	6.45
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.78	0.79	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.94	0.94	0.94
	15	TC	5.33	5.34	5.35	5.35	5.66	5.66	5.67	5.68	5.99	6.00	6.01	6.02	6.35	6.36	6.37	6.38
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.86	0.86	0.87	0.87	0.91	0.92	0.92	0.92	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03
	20	TC	5.27	5.28	5.28	5.29	5.59	5.59	5.60	5.61	5.92	5.93	5.94	5.94	6.28	6.29	6.29	6.30
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.94	0.94	0.94	0.94	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06	1.12	1.12	1.12	1.13
	25	TC	5.21	5.21	5.22	5.23	5.52	5.53	5.53	5.54	5.85	5.86	5.86	5.87	6.20	6.21	6.22	6.23
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.08	1.15	1.15	1.15	1.15	1.21	1.22	1.22	1.22
	30	TC	5.26	5.27	5.27	5.28	5.58	5.59	5.59	5.60	5.91	5.92	5.93	5.93	6.27	6.27	6.28	6.29
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	1.31	1.31	1.31	1.31	1.39	1.39	1.39	1.39	1.47	1.47	1.47	1.48	1.56	1.56	1.56	1.56
	35	TC	5.38	5.38	5.39	5.40	5.70	5.71	5.71	5.72	6.04	6.05	6.06	6.06	6.41	6.41	6.42	6.43
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.71	1.71	1.71	1.71	1.81	1.81	1.81	1.81	1.92	1.92	1.92	1.92	2.03	2.03	2.04	2.04
	40	TC	4.66	4.67	4.67	4.68	4.94	4.95	4.95	4.96	5.24	5.25	5.25	5.26	5.55	5.56	5.57	5.57
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	1.51	1.52	1.52	1.52	1.61	1.61	1.61	1.61	1.70	1.70	1.71	1.71	1.80	1.81	1.81	1.81
	45	TC	3.61	3.61	3.61	3.62	3.82	3.83	3.83	3.84	4.05	4.06	4.06	4.07	4.30	4.30	4.31	4.31
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.24	1.25	1.25	1.25	1.32	1.32	1.32	1.32	1.40	1.40	1.40	1.40	1.48	1.48	1.49	1.49
	50	TC	2.04	2.04	2.04	2.05	2.16	2.16	2.17	2.17	2.29	2.29	2.30	2.30	2.43	2.43	2.43	2.44
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91	0.96	0.96	0.96	0.96	1.02	1.02	1.02	1.02

1150	0	TC	6.50	6.51	6.52	6.53	6.90	6.90	6.91	6.92	7.31	7.32	7.33	7.34	7.75	7.76	7.77	7.78
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.94	0.94	0.95	0.95	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06	1.12	1.12	1.13	1.13
	5	TC	6.13	6.14	6.15	6.16	6.50	6.51	6.52	6.52	6.89	6.90	6.91	6.92	7.30	7.31	7.32	7.33
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.86	0.86	0.86	0.87	0.91	0.92	0.92	0.92	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03
	10	TC	5.75	5.76	5.76	5.77	6.09	6.10	6.11	6.12	6.46	6.47	6.47	6.48	6.85	6.85	6.86	6.87
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.99	0.99	0.99	0.99
	15	TC	5.68	5.69	5.69	5.70	6.02	6.03	6.03	6.04	6.38	6.39	6.40	6.41	6.77	6.77	6.78	6.79
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.91	0.91	0.91	0.91	0.96	0.97	0.97	0.97	1.02	1.02	1.02	1.03	1.08	1.09	1.09	1.09
	20	TC	5.61	5.62	5.62	5.63	5.95	5.96	5.96	5.97	6.30	6.31	6.32	6.33	6.68	6.69	6.70	6.71
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.99	0.99	0.99	1.00	1.05	1.05	1.05	1.06	1.12	1.12	1.12	1.12	1.18	1.18	1.18	1.19
	25	TC	5.54	5.55	5.56	5.56	5.88	5.88	5.89	5.90	6.23	6.24	6.24	6.25	6.60	6.61	6.62	6.63
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	1.08	1.08	1.08	1.08	1.14	1.14	1.14	1.14	1.21	1.21	1.21	1.21	1.28	1.28	1.28	1.29
	30	TC	5.60	5.61	5.62	5.62	5.94	5.95	5.95	5.96	6.29	6.30	6.31	6.32	6.67	6.68	6.69	6.70
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	1.38	1.38	1.38	1.38	1.46	1.46	1.47	1.47	1.55	1.55	1.55	1.56	1.64	1.65	1.65	1.65
	35	TC	5.72	5.73	5.74	5.75	6.07	6.08	6.08	6.09	6.43	6.44	**6.45**	6.46	6.82	6.83	6.83	6.84
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.80	1.80	1.80	1.80	1.91	1.91	1.91	1.91	2.02	2.02	**2.03**	2.03	2.14	2.14	2.15	2.15
	40	TC	4.96	4.97	4.98	4.98	5.26	5.27	5.27	5.28	5.58	5.58	5.59	5.60	5.91	5.92	5.93	5.93
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.60	1.60	1.60	1.60	1.69	1.70	1.70	1.70	1.79	1.80	1.80	1.80	1.90	1.90	1.91	1.91
	45	TC	3.84	3.84	3.85	3.85	4.07	4.08	4.08	4.09	4.31	4.32	4.32	4.33	4.57	4.58	4.58	4.59
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	1.31	1.31	1.32	1.32	1.39	1.39	1.39	1.40	1.47	1.48	1.48	1.48	1.56	1.57	1.57	1.57
	50	TC	2.17	2.17	2.18	2.18	2.30	2.30	2.31	2.31	2.44	2.44	2.44	2.45	2.59	2.59	2.59	2.59
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.90	0.90	0.90	0.91	0.96	0.96	0.96	0.96	1.01	1.01	1.02	1.02	1.07	1.08	1.08	1.08

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

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INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
670	0	TC	5.74	5.75	5.75	5.76	6.08	6.09	6.10	6.11	6.45	6.46	6.46	6.47	6.84	6.84	6.85	6.86
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.91	0.91	0.91	0.91	0.96	0.96	0.97	0.97	1.02	1.02	1.02	1.03	1.08	1.08	1.09	1.09
	5	TC	5.41	5.42	5.42	5.43	5.74	5.74	5.75	5.76	6.08	6.09	6.09	6.10	6.44	6.45	6.46	6.47
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.94	0.94	0.94	0.99	0.99	0.99	0.99
	10	TC	5.07	5.08	5.08	5.09	5.38	5.38	5.39	5.40	5.70	5.70	5.71	5.72	6.04	6.05	6.05	6.06
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.95	0.95	0.95	0.95
	15	TC	5.01	5.02	5.02	5.03	5.31	5.32	5.32	5.33	5.63	5.64	5.64	5.65	5.97	5.98	5.98	5.99
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.99	0.99	0.99	0.99	1.05	1.05	1.05	1.05
	20	TC	4.95	4.96	4.96	4.97	5.25	5.26	5.26	5.27	5.56	5.57	5.58	5.58	5.90	5.90	5.91	5.92
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.96	0.96	0.96	0.96	1.01	1.02	1.02	1.02	1.08	1.08	1.08	1.08	1.14	1.14	1.14	1.14
	25	TC	4.89	4.90	4.90	4.91	5.19	5.19	5.20	5.20	5.50	5.50	5.51	5.52	5.83	5.83	5.84	5.85
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.10	1.16	1.17	1.17	1.17	1.23	1.24	1.24	1.24
	30	TC	4.94	4.95	4.95	4.96	5.24	5.25	5.25	5.26	5.55	5.56	5.57	5.57	5.89	5.89	5.90	5.91
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	1.33	1.33	1.33	1.33	1.41	1.41	1.41	1.42	1.49	1.50	1.50	1.50	1.58	1.59	1.59	1.59
	35	TC	5.05	5.06	5.06	5.07	5.35	5.36	5.37	5.37	5.67	5.68	5.69	5.70	6.02	6.02	6.03	6.04
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.73	1.74	1.74	1.74	1.84	1.84	1.84	1.84	1.95	1.95	1.95	1.95	2.07	2.07	2.07	2.07
	40	TC	4.38	4.38	4.39	4.40	4.64	4.65	4.65	4.66	4.92	4.93	4.93	4.94	5.22	5.22	5.23	5.24
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	1.54	1.54	1.54	1.55	1.63	1.63	1.64	1.64	1.73	1.73	1.73	1.74	1.83	1.84	1.84	1.84
	45	TC	3.39	3.39	3.40	3.40	3.59	3.60	3.60	3.60	3.81	3.81	3.81	3.82	4.04	4.04	4.04	4.05
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	1.27	1.27	1.27	1.27	1.34	1.34	1.34	1.35	1.42	1.42	1.43	1.43	1.51	1.51	1.51	1.51
	50	TC	1.91	1.92	1.92	1.92	2.03	2.03	2.03	2.04	2.15	2.15	2.16	2.16	2.28	2.28	2.29	2.29
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04
840	0	TC	6.11	6.12	6.12	6.13	6.48	6.49	6.49	6.50	6.86	6.87	6.88	6.89	7.28	7.29	7.29	7.30
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.95	0.95	0.95	0.95	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.13	1.13	1.13
	5	TC	5.76	5.77	5.77	5.78	6.11	6.11	6.12	6.13	6.47	6.48	6.49	6.50	6.86	6.87	6.88	6.89
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.98	0.98	0.98	0.98	1.03	1.04	1.04	1.04
	10	TC	5.40	5.41	5.41	5.42	5.72	5.73	5.74	5.74	6.07	6.07	6.08	6.09	6.43	6.44	6.44	6.45
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.83	0.83	0.84	0.84	0.88	0.88	0.89	0.89	0.94	0.94	0.94	0.94	0.99	0.99	0.99	1.00
	15	TC	5.33	5.34	5.35	5.35	5.66	5.66	5.67	5.68	5.99	6.00	6.01	6.02	6.35	6.36	6.37	6.38
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.92	0.92	0.92	0.92	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.10
	20	TC	5.27	5.28	5.28	5.29	5.59	5.59	5.60	5.61	5.92	5.93	5.94	5.94	6.28	6.29	6.29	6.30
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06	1.12	1.12	1.13	1.13	1.19	1.19	1.19	1.19
	25	TC	5.21	5.21	5.22	5.23	5.52	5.53	5.53	5.54	5.85	5.86	5.86	5.87	6.20	6.21	6.22	6.23
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	1.08	1.08	1.09	1.09	1.15	1.15	1.15	1.15	1.22	1.22	1.22	1.22	1.29	1.29	1.29	1.29
	30	TC	5.26	5.27	5.27	5.28	5.58	5.59	5.59	5.60	5.91	5.92	5.93	5.93	6.27	6.27	6.28	6.29
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	1.39	1.39	1.39	1.39	1.47	1.47	1.48	1.48	1.56	1.56	1.56	1.57	1.65	1.66	1.66	1.66
	35	TC	5.38	5.38	5.39	5.40	5.70	5.71	5.71	5.72	6.04	6.05	6.06	6.06	6.41	6.41	6.42	6.43
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.81	1.81	1.81	1.82	1.92	1.92	1.92	1.93	2.03	2.04	2.04	2.04	2.16	2.16	2.16	2.16
	40	TC	4.66	4.67	4.67	4.68	4.94	4.95	4.95	4.96	5.24	5.25	5.25	5.26	5.55	5.56	5.57	5.57
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	1.61	1.61	1.61	1.61	1.71	1.71	1.71	1.71	1.81	1.81	1.81	1.81	1.92	1.92	1.92	1.92
	45	TC	3.61	3.61	3.61	3.62	3.82	3.83	3.83	3.84	4.05	4.06	4.06	4.07	4.30	4.30	4.31	4.31
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.32	1.32	1.32	1.33	1.40	1.40	1.40	1.41	1.48	1.49	1.49	1.49	1.57	1.58	1.58	1.58
	50	TC	2.04	2.04	2.04	2.05	2.16	2.16	2.17	2.17	2.29	2.29	2.30	2.30	2.43	2.43	2.43	2.44
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.91	0.91	0.91	0.91	0.96	0.96	0.96	0.97	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.09

1150	0	TC	6.50	6.51	6.52	6.53	6.90	6.90	6.91	6.92	7.31	7.32	7.33	7.34	7.75	7.76	7.77	7.78
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.07	1.12	1.13	1.13	1.13	1.19	1.19	1.20	1.20
	5	TC	6.13	6.14	6.15	6.16	6.50	6.51	6.52	6.52	6.89	6.90	6.91	6.92	7.30	7.31	7.32	7.33
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.92	0.92	0.92	0.92	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09
	10	TC	5.75	5.76	5.76	5.77	6.09	6.10	6.11	6.12	6.46	6.47	6.47	6.48	6.85	6.85	6.86	6.87
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.99	0.99	0.99	0.99	1.05	1.05	1.05	1.05
	15	TC	5.68	5.69	5.69	5.70	6.02	6.03	6.03	6.04	6.38	6.39	6.40	6.41	6.77	6.77	6.78	6.79
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.97	0.97	0.97	0.97	1.02	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.15	1.15
	20	TC	5.61	5.62	5.62	5.63	5.95	5.96	5.96	5.97	6.30	6.31	6.32	6.33	6.68	6.69	6.70	6.71
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	1.05	1.06	1.06	1.06	1.12	1.12	1.12	1.12	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26
	25	TC	5.54	5.55	5.56	5.56	5.88	5.88	5.89	5.90	6.23	6.24	6.24	6.25	6.60	6.61	6.62	6.63
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	1.14	1.14	1.14	1.15	1.21	1.21	1.21	1.21	1.28	1.28	1.29	1.29	1.36	1.36	1.36	1.36
	30	TC	5.60	5.61	5.62	5.62	5.94	5.95	5.95	5.96	6.29	6.30	6.31	6.32	6.67	6.68	6.69	6.70
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	1.46	1.47	1.47	1.47	1.55	1.55	1.56	1.56	1.65	1.65	1.65	1.65	1.74	1.75	1.75	1.75
	35	TC	5.72	5.73	5.74	5.75	6.07	6.08	6.08	6.09	6.43	6.44	**6.45**	6.46	6.82	6.83	6.83	6.84
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.91	1.91	1.91	1.92	2.02	2.03	2.03	2.03	2.14	2.15	**2.15**	2.15	2.27	2.28	2.28	2.28
	40	TC	4.96	4.97	4.98	4.98	5.26	5.27	5.27	5.28	5.58	5.58	5.59	5.60	5.91	5.92	5.93	5.93
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.70	1.70	1.70	1.70	1.80	1.80	1.80	1.80	1.91	1.91	1.91	1.91	2.02	2.02	2.02	2.03
	45	TC	3.84	3.84	3.85	3.85	4.07	4.08	4.08	4.09	4.31	4.32	4.32	4.33	4.57	4.58	4.58	4.59
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	1.39	1.40	1.40	1.40	1.48	1.48	1.48	1.48	1.57	1.57	1.57	1.57	1.66	1.66	1.66	1.67
	50	TC	2.17	2.17	2.18	2.18	2.30	2.30	2.31	2.31	2.44	2.44	2.44	2.45	2.59	2.59	2.59	2.59
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.96	0.96	0.96	0.96	1.01	1.02	1.02	1.02	1.08	1.08	1.08	1.08	1.14	1.14	1.14	1.14

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
300	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.57	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.60	0.60	0.60	0.60
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.78	0.78	0.78	0.78
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	0.99	1.00	1.00	1.00
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.09	1.09	1.09	1.09	1.15	1.16	1.16	1.16	1.22	1.22	1.23	1.23	1.30	1.30	1.30	1.30
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.15	1.16
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.79	0.80	0.80	0.80	0.84	0.84	0.84	0.85	0.89	0.89	0.89	0.90	0.95	0.95	0.95	0.95
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65
395	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.52	0.52	0.52	0.53	0.55	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.63
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.77	0.77	0.81	0.81	0.81	0.81
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.87	0.87	0.87	0.88	0.92	0.93	0.93	0.93	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.14	1.14	1.14	1.14	1.21	1.21	1.21	1.21	1.28	1.28	1.28	1.28	1.35	1.36	1.36	1.36
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.14	1.14	1.14	1.20	1.20	1.21	1.21
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.94	0.99	0.99	0.99	0.99
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.57	0.57	0.57	0.57	0.60	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68

660	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.55	0.55	0.55	0.55	0.58	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.65	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.73
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.75	0.75	0.79	0.79	0.79	0.79
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.85	0.85	0.86	0.86
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.92	0.92	0.92	0.92	0.97	0.98	0.98	0.98	1.03	1.03	1.04	1.04	1.10	1.10	1.10	1.10
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.28	1.35	1.35	**1.35**	1.35	1.43	1.43	1.43	1.43
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.06	1.07	1.07	1.07	1.13	1.13	1.13	1.13	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.27
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.87	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.98	0.98	0.99	0.99	1.04	1.04	1.04	1.05
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
310	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.57	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.60	0.60	0.60	0.60
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.78	0.78	0.78	0.78
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	0.99	1.00	1.00	1.00
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.09	1.09	1.09	1.09	1.15	1.16	1.16	1.16	1.22	1.22	1.23	1.23	1.30	1.30	1.30	1.30
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.15	1.16
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.79	0.80	0.80	0.80	0.84	0.84	0.84	0.85	0.89	0.89	0.89	0.90	0.95	0.95	0.95	0.95
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65
400	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.52	0.52	0.52	0.53	0.55	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.63
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.77	0.77	0.81	0.81	0.81	0.81
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.87	0.87	0.87	0.88	0.92	0.93	0.93	0.93	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.14	1.14	1.14	1.14	1.21	1.21	1.21	1.21	1.28	1.28	1.28	1.28	1.35	1.36	1.36	1.36
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.14	1.14	1.14	1.20	1.20	1.21	1.21
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.94	0.99	0.99	0.99	0.99
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.57	0.57	0.57	0.57	0.60	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68

	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.55	0.55	0.55	0.55	0.58	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.65	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.73
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.75	0.75	0.79	0.79	0.79	0.79
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.85	0.85	0.86	0.86
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.92	0.92	0.92	0.92	0.97	0.98	0.98	0.98	1.03	1.03	1.04	1.04	1.10	1.10	1.10	1.10
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.28	1.35	1.35	**1.35**	1.35	1.43	1.43	1.43	1.43
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.06	1.07	1.07	1.07	1.13	1.13	1.13	1.13	1.20	1.20	1.20	1.20	1.27	1.27	1.27	1.27
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.87	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.98	0.98	0.99	0.99	1.04	1.04	1.04	1.05
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
410	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.59	0.59	0.59	0.62	0.62	0.62	0.62
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.48	0.48	0.48	0.48	0.50	0.51	0.51	0.51	0.53	0.54	0.54	0.54	0.57	0.57	0.57	0.57
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.46	0.46	0.46	0.46	0.48	0.48	0.48	0.49	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.55
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.57	0.57	0.60	0.60	0.60	0.60
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.65	0.65	0.65	0.65
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.59	0.59	0.59	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.76	0.76	0.76	0.76	0.81	0.81	0.81	0.81	0.85	0.86	0.86	0.86	0.91	0.91	0.91	0.91
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.99	0.99	0.99	1.00	1.05	1.05	1.05	1.06	1.11	1.12	1.12	1.12	1.18	1.18	1.18	1.19
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.88	0.88	0.88	0.88	0.93	0.94	0.94	0.94	0.99	0.99	0.99	0.99	1.05	1.05	1.05	1.05
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.72	0.72	0.73	0.73	0.77	0.77	0.77	0.77	0.81	0.81	0.82	0.82	0.86	0.86	0.86	0.87
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
500	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.54	0.54	0.54	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.52	0.52	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.63	0.63	0.63
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.57	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.79	0.80	0.80	0.80	0.84	0.84	0.84	0.85	0.89	0.89	0.89	0.90	0.95	0.95	0.95	0.95
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.04	1.04	1.04	1.04	1.10	1.10	1.10	1.10	1.16	1.17	1.17	1.17	1.23	1.24	1.24	1.24
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.92	0.92	0.92	0.92	0.98	0.98	0.98	0.98	1.03	1.04	1.04	1.04	1.10	1.10	1.10	1.10
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.76	0.76	0.76	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.59	0.62	0.62	0.62	0.62

660	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.57	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.65	0.68	0.68	0.68	0.68
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.52	0.52	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.63	0.63
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.57	0.57	0.57	0.60	0.60	0.60	0.60
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.55	0.55	0.55	0.55	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.60	0.60	0.60	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.65	0.65	0.65	0.66	0.69	0.69	0.69	0.69	0.73	0.73	0.74	0.74	0.78	0.78	0.78	0.78
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	1.00	1.00	1.00	1.00
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.09	1.09	1.09	1.10	1.16	1.16	1.16	1.16	1.23	1.23	**1.23**	1.23	1.30	1.30	1.30	1.31
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.16	1.16	1.16	1.16
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.95	0.95	0.95	0.95
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.65	0.65	0.65	0.65

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
410	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.58	0.61	0.61	0.61	0.61	0.64	0.65	0.65	0.65
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.50	0.50	0.50	0.50	0.52	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.47	0.48	0.48	0.48	0.50	0.50	0.50	0.51	0.53	0.53	0.53	0.54	0.57	0.57	0.57	0.57
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.57	0.57	0.57	0.57	0.60	0.60	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.62	0.62	0.62	0.62	0.65	0.66	0.66	0.66	0.69	0.69	0.70	0.70	0.74	0.74	0.74	0.74
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.79	0.79	0.79	0.79	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	0.94	0.94	0.95	0.95
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	1.03	1.03	1.03	1.04	1.09	1.10	1.10	1.10	1.16	1.16	1.16	1.16	1.23	1.23	1.23	1.23
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.92	0.92	0.92	0.92	0.97	0.97	0.97	0.98	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.10
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.75	0.75	0.76	0.76	0.80	0.80	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62
500	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64	0.67	0.67	0.67	0.68
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.59	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.64	0.65	0.65	0.65	0.68	0.68	0.68	0.69	0.72	0.73	0.73	0.73	0.77	0.77	0.77	0.77
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.99	0.99	0.99	0.99
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.08	1.08	1.08	1.08	1.14	1.14	1.15	1.15	1.21	1.21	1.21	1.22	1.28	1.29	1.29	1.29
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.96	0.96	0.96	0.96	1.02	1.02	1.02	1.02	1.08	1.08	1.08	1.08	1.14	1.14	1.14	1.14
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.79	0.79	0.79	0.79	0.83	0.84	0.84	0.84	0.88	0.89	0.89	0.89	0.94	0.94	0.94	0.94
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.58	0.61	0.61	0.61	0.61	0.64	0.64	0.65	0.65

660	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.52	0.52	0.52	0.52	0.55	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.63
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.70	0.71	0.71	0.71	0.75	0.75	0.75	0.75
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.77	0.77	0.81	0.81	0.81	0.81
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.87	0.87	0.87	0.88	0.92	0.93	0.93	0.93	0.98	0.98	0.98	0.98	1.04	1.04	1.04	1.04
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.14	1.14	1.14	1.14	1.20	1.21	1.21	1.21	1.28	1.28	**1.28**	1.28	1.35	1.36	1.36	1.36
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.14	1.14	1.14	1.20	1.20	1.21	1.21
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.94	0.99	0.99	0.99	0.99
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.57	0.57	0.57	0.57	0.60	0.60	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
330	0	TC	2.35	2.35	2.35	2.36	2.49	2.49	2.49	2.50	2.64	2.64	2.64	2.65	2.80	2.80	2.80	2.81
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39
	5	TC	2.21	2.22	2.22	2.22	2.35	2.35	2.35	2.35	2.49	2.49	2.49	2.50	2.64	2.64	2.64	2.65
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32	0.33	0.34	0.34	0.34	0.35	0.36	0.36	0.36
	10	TC	2.07	2.08	2.08	2.08	2.20	2.20	2.20	2.21	2.33	2.33	2.34	2.34	2.47	2.47	2.48	2.48
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34
	15	TC	2.05	2.05	2.05	2.06	2.17	2.18	2.18	2.18	2.30	2.31	2.31	2.31	2.44	2.44	2.45	2.45
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.31	0.31	0.31	0.32	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.38	0.38
	20	TC	2.03	2.03	2.03	2.03	2.15	2.15	2.15	2.15	2.28	2.28	2.28	2.28	2.41	2.42	2.42	2.42
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41
	25	TC	2.00	2.00	2.01	2.01	2.12	2.12	2.13	2.13	2.25	2.25	2.25	2.26	2.38	2.39	2.39	2.39
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.42	0.42	0.42	0.42	0.44	0.44	0.44	0.44
	30	TC	2.02	2.02	2.03	2.03	2.14	2.15	2.15	2.15	2.27	2.27	2.28	2.28	2.41	2.41	2.41	2.42
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.48	0.48	0.48	0.48	0.50	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57
	35	TC	2.07	2.07	2.07	2.07	2.19	2.19	2.20	2.20	2.32	2.32	2.33	2.33	2.46	2.46	2.47	2.47
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74
	40	TC	1.79	1.79	1.80	1.80	1.90	1.90	1.90	1.91	2.01	2.02	2.02	2.02	2.13	2.14	2.14	2.14
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.55	0.55	0.55	0.55	0.58	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66
	45	TC	1.39	1.39	1.39	1.39	1.47	1.47	1.47	1.47	1.56	1.56	1.56	1.56	1.65	1.65	1.65	1.66
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.45	0.45	0.45	0.45	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54
	50	TC	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.94	0.94
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37
403	0	TC	2.50	2.50	2.51	2.51	2.65	2.65	2.66	2.66	2.81	2.81	2.81	2.82	2.98	2.98	2.98	2.99
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.41	0.41	0.41	0.41
	5	TC	2.36	2.36	2.36	2.37	2.50	2.50	2.50	2.51	2.65	2.65	2.65	2.66	2.81	2.81	2.81	2.82
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37
	10	TC	2.21	2.21	2.21	2.22	2.34	2.34	2.35	2.35	2.48	2.48	2.49	2.49	2.63	2.63	2.64	2.64
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36
	15	TC	2.18	2.19	2.19	2.19	2.31	2.32	2.32	2.32	2.45	2.46	2.46	2.46	2.60	2.60	2.61	2.61
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39
	20	TC	2.16	2.16	2.16	2.16	2.29	2.29	2.29	2.29	2.42	2.43	2.43	2.43	2.57	2.57	2.57	2.58
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40	0.43	0.43	0.43	0.43
	25	TC	2.13	2.13	2.14	2.14	2.26	2.26	2.26	2.27	2.39	2.40	2.40	2.40	2.54	2.54	2.54	2.55
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44	0.46	0.46	0.46	0.46
	30	TC	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.43	2.56	2.57	2.57	2.57
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59
	35	TC	2.20	2.20	2.21	2.21	2.33	2.34	2.34	2.34	2.47	2.47	2.48	2.48	2.62	2.62	2.63	2.63
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.77	0.77	0.77	0.78
	40	TC	1.91	1.91	1.91	1.91	2.02	2.02	2.03	2.03	2.14	2.15	2.15	2.15	2.27	2.27	2.28	2.28
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	45	TC	1.48	1.48	1.48	1.48	1.56	1.57	1.57	1.57	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.76
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.47	0.47	0.47	0.48	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.57	0.57
	50	TC	0.83	0.84	0.84	0.84	0.88	0.89	0.89	0.89	0.94	0.94	0.94	0.94	0.99	0.99	1.00	1.00
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.33	0.33	0.33	0.33	0.34	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39

517	0	TC	2.66	2.66	2.67	2.67	2.82	2.82	2.83	2.83	2.99	2.99	3.00	3.00	3.17	3.17	3.18	3.18
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40	0.43	0.43	0.43	0.43
	5	TC	2.51	2.51	2.51	2.52	2.66	2.66	2.67	2.67	2.82	2.82	2.83	2.83	2.99	2.99	2.99	3.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39
	10	TC	2.35	2.35	2.36	2.36	2.49	2.50	2.50	2.50	2.64	2.65	2.65	2.65	2.80	2.80	2.81	2.81
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.31	0.31	0.32	0.32	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.38	0.38	0.38
	15	TC	2.32	2.33	2.33	2.33	2.46	2.47	2.47	2.47	2.61	2.61	2.62	2.62	2.77	2.77	2.77	2.78
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41
	20	TC	2.30	2.30	2.30	2.30	2.43	2.44	2.44	2.44	2.58	2.58	2.59	2.59	2.73	2.74	2.74	2.74
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40	0.42	0.42	0.43	0.43	0.45	0.45	0.45	0.45
	25	TC	2.27	2.27	2.27	2.28	2.40	2.41	2.41	2.41	2.55	2.55	2.55	2.56	2.70	2.70	2.71	2.71
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.43	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49
	30	TC	2.29	2.29	2.30	2.30	2.43	2.43	2.43	2.44	2.57	2.58	2.58	2.58	2.73	2.73	2.74	2.74
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.52	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.62	0.63	0.63	0.63
	35	TC	2.34	2.35	2.35	2.35	2.48	2.49	2.49	2.49	2.63	2.63	**2.64**	2.64	2.79	2.79	2.80	2.80
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	0.68	0.68	0.69	0.69	0.72	0.73	0.73	0.73	0.77	0.77	**0.77**	0.77	0.81	0.82	0.82	0.82
	40	TC	2.03	2.03	2.04	2.04	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.43
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.61	0.61	0.61	0.61	0.64	0.64	0.65	0.65	0.68	0.68	0.68	0.68	0.72	0.72	0.73	0.73
	45	TC	1.57	1.57	1.57	1.58	1.67	1.67	1.67	1.67	1.76	1.77	1.77	1.77	1.87	1.87	1.88	1.88
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.60	0.60	0.60
	50	TC	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

CAC12CD(I)-V+CAC12CD(O)-V																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
420	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.60	0.60
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.46	0.46	0.46	0.46	0.48	0.48	0.49	0.49	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.55
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.44	0.44	0.44	0.44	0.46	0.46	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.58
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.73	0.73	0.73	0.73	0.77	0.77	0.78	0.78	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.95	0.95	0.95	0.96	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07	1.13	1.13	1.14	1.14
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.85	0.85	0.85	0.85	0.90	0.90	0.90	0.90	0.95	0.95	0.95	0.95	1.01	1.01	1.01	1.01
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.69	0.70	0.70	0.70	0.74	0.74	0.74	0.74	0.78	0.78	0.78	0.78	0.83	0.83	0.83	0.83
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57
480	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.46	0.46	0.46	0.46	0.48	0.49	0.49	0.49	0.51	0.51	0.51	0.52	0.54	0.55	0.55	0.55
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.54	0.56	0.57	0.57	0.57	0.60	0.60	0.60	0.60
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.65	0.65	0.65	0.66
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.59	0.59	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.76	0.76	0.76	0.77	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.99	0.99	1.00	1.00	1.05	1.05	1.06	1.06	1.12	1.12	1.12	1.12	1.18	1.18	1.19	1.19
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.88	0.88	0.88	0.89	0.94	0.94	0.94	0.94	0.99	0.99	0.99	1.00	1.05	1.05	1.05	1.06
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.73	0.73	0.73	0.73	0.77	0.77	0.77	0.77	0.81	0.82	0.82	0.82	0.86	0.86	0.87	0.87
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.60

600	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.65	0.66	0.66	0.66
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53	0.56	0.57	0.57	0.57	0.60	0.60	0.60	0.60
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.48	0.48	0.48	0.48	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.58	0.58
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.63	0.63	0.63	0.63	0.66	0.66	0.67	0.67	0.70	0.70	0.71	0.71	0.75	0.75	0.75	0.75
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.80	0.80	0.81	0.81	0.85	0.85	0.85	0.86	0.90	0.90	0.91	0.91	0.96	0.96	0.96	0.96
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.05	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.18	1.18	**1.18**	1.18	1.25	1.25	1.25	1.25
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.93	0.93	0.93	0.93	0.99	0.99	0.99	0.99	1.05	1.05	1.05	1.05	1.11	1.11	1.11	1.11
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.76	0.77	0.77	0.77	0.81	0.81	0.81	0.81	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

/																		
INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
450	0	TC	2.35	2.35	2.35	2.36	2.49	2.49	2.49	2.50	2.64	2.64	2.64	2.65	2.80	2.80	2.80	2.81
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38
	5	TC	2.21	2.22	2.22	2.22	2.35	2.35	2.35	2.35	2.49	2.49	2.49	2.50	2.64	2.64	2.64	2.65
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.29	0.29	0.29	0.29	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35
	10	TC	2.07	2.08	2.08	2.08	2.20	2.20	2.20	2.21	2.33	2.33	2.34	2.34	2.47	2.47	2.48	2.48
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33
	15	TC	2.05	2.05	2.05	2.06	2.17	2.18	2.18	2.18	2.30	2.31	2.31	2.31	2.44	2.44	2.45	2.45
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.31	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.36	0.36	0.37	0.37
	20	TC	2.03	2.03	2.03	2.03	2.15	2.15	2.15	2.15	2.28	2.28	2.28	2.28	2.41	2.42	2.42	2.42
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.33	0.33	0.33	0.34	0.35	0.35	0.35	0.36	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40
	25	TC	2.00	2.00	2.01	2.01	2.12	2.12	2.13	2.13	2.25	2.25	2.25	2.26	2.38	2.39	2.39	2.39
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.41	0.41	0.41	0.41	0.43	0.43	0.43	0.43
	30	TC	2.02	2.02	2.03	2.03	2.14	2.15	2.15	2.15	2.27	2.27	2.28	2.28	2.41	2.41	2.41	2.42
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.46	0.46	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55
	35	TC	2.07	2.07	2.07	2.07	2.19	2.19	2.20	2.20	2.32	2.32	2.33	2.33	2.46	2.46	2.47	2.47
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.60	0.61	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72
	40	TC	1.79	1.79	1.80	1.80	1.90	1.90	1.90	1.91	2.01	2.02	2.02	2.02	2.13	2.14	2.14	2.14
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.61	0.61	0.64	0.64	0.64	0.64
	45	TC	1.39	1.39	1.39	1.39	1.47	1.47	1.47	1.47	1.56	1.56	1.56	1.56	1.65	1.65	1.65	1.66
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.44	0.44	0.44	0.44	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53
	50	TC	0.78	0.78	0.79	0.79	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.93	0.93	0.94	0.94
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36
520	0	TC	2.50	2.50	2.51	2.51	2.65	2.65	2.66	2.66	2.81	2.81	2.81	2.82	2.98	2.98	2.98	2.99
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.40	0.40
	5	TC	2.36	2.36	2.36	2.37	2.50	2.50	2.50	2.51	2.65	2.65	2.65	2.66	2.81	2.81	2.81	2.82
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.30	0.30	0.30	0.30	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36
	10	TC	2.21	2.21	2.21	2.22	2.34	2.34	2.35	2.35	2.48	2.48	2.49	2.49	2.63	2.63	2.64	2.64
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.29	0.29	0.29	0.29	0.31	0.31	0.31	0.31	0.33	0.33	0.33	0.33	0.35	0.35	0.35	0.35
	15	TC	2.18	2.19	2.19	2.19	2.31	2.32	2.32	2.32	2.45	2.46	2.46	2.46	2.60	2.60	2.61	2.61
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38
	20	TC	2.16	2.16	2.16	2.16	2.29	2.29	2.29	2.29	2.42	2.43	2.43	2.43	2.57	2.57	2.57	2.58
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.42	0.42	0.42	0.42
	25	TC	2.13	2.13	2.14	2.14	2.26	2.26	2.26	2.27	2.39	2.40	2.40	2.40	2.54	2.54	2.54	2.55
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40	0.42	0.42	0.43	0.43	0.45	0.45	0.45	0.45
	30	TC	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.43	2.56	2.57	2.57	2.57
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.48	0.49	0.49	0.49	0.51	0.51	0.51	0.52	0.54	0.55	0.55	0.55	0.58	0.58	0.58	0.58
	35	TC	2.20	2.20	2.21	2.21	2.33	2.34	2.34	2.34	2.47	2.47	2.48	2.48	2.62	2.62	2.63	2.63
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.76
	40	TC	1.91	1.91	1.91	1.91	2.02	2.02	2.03	2.03	2.14	2.15	2.15	2.15	2.27	2.27	2.28	2.28
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.56	0.56	0.56	0.56	0.59	0.60	0.60	0.60	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67
	45	TC	1.48	1.48	1.48	1.48	1.56	1.57	1.57	1.57	1.66	1.66	1.66	1.66	1.76	1.76	1.76	1.76
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.46	0.46	0.46	0.46	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55
	50	TC	0.83	0.84	0.84	0.84	0.88	0.89	0.89	0.89	0.94	0.94	0.94	0.94	0.99	0.99	1.00	1.00
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38

660	0	TC	2.66	2.66	2.67	2.67	2.82	2.82	2.83	2.83	2.99	2.99	3.00	3.00	3.17	3.17	3.18	3.18
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.35	0.35	0.35	0.35	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.42	0.42	0.42	0.42
	5	TC	2.51	2.51	2.51	2.52	2.66	2.66	2.67	2.67	2.82	2.82	2.83	2.83	2.99	2.99	2.99	3.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.32	0.32	0.32	0.32	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38
	10	TC	2.35	2.35	2.36	2.36	2.49	2.50	2.50	2.50	2.64	2.65	2.65	2.65	2.80	2.80	2.81	2.81
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.31	0.31	0.31	0.31	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.37	0.37	0.37	0.37
	15	TC	2.32	2.33	2.33	2.33	2.46	2.47	2.47	2.47	2.61	2.61	2.62	2.62	2.77	2.77	2.77	2.78
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40
	20	TC	2.30	2.30	2.30	2.30	2.43	2.44	2.44	2.44	2.58	2.58	2.59	2.59	2.73	2.74	2.74	2.74
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.37	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.41	0.41	0.41	0.41	0.44	0.44	0.44	0.44
	25	TC	2.27	2.27	2.27	2.28	2.40	2.41	2.41	2.41	2.55	2.55	2.55	2.56	2.70	2.70	2.71	2.71
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.40	0.40	0.40	0.40	0.42	0.42	0.42	0.42	0.45	0.45	0.45	0.45	0.47	0.47	0.48	0.48
	30	TC	2.29	2.29	2.30	2.30	2.43	2.43	2.43	2.44	2.57	2.58	2.58	2.58	2.73	2.73	2.74	2.74
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.58	0.58	0.61	0.61	0.61	0.61
	35	TC	2.34	2.35	2.35	2.35	2.48	2.49	2.49	2.49	2.63	2.63	**2.64**	2.64	2.79	2.79	2.80	2.80
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.75	0.75	**0.75**	0.75	0.79	0.79	0.80	0.80
	40	TC	2.03	2.03	2.04	2.04	2.15	2.16	2.16	2.16	2.28	2.28	2.29	2.29	2.42	2.42	2.42	2.43
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.66	0.67	0.67	0.67	0.70	0.71	0.71	0.71
	45	TC	1.57	1.57	1.57	1.58	1.67	1.67	1.67	1.67	1.76	1.77	1.77	1.77	1.87	1.87	1.88	1.88
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58
	50	TC	0.89	0.89	0.89	0.89	0.94	0.94	0.94	0.94	1.00	1.00	1.00	1.00	1.06	1.06	1.06	1.06
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.33	0.33	0.33	0.34	0.35	0.35	0.35	0.36	0.38	0.38	0.38	0.38	0.40	0.40	0.40	0.40

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

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INDOOR AIRFLOW (CMH)	OUTDOOR DB(℃)	ID WB (℃)	16.0				18.0				19.0				22.0			
		ID DB (℃)	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0	23.0	25.0	27.0	29.0
450	0	TC	3.13	3.13	3.14	3.14	3.32	3.32	3.33	3.33	3.52	3.52	3.53	3.53	3.73	3.73	3.74	3.74
		S/T	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72	0.45	0.52	0.59	0.68
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.61	0.61	0.61
	5	TC	2.95	2.95	2.96	2.96	3.13	3.13	3.14	3.14	3.32	3.32	3.32	3.33	3.52	3.52	3.52	3.53
		S/T	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69
		PI	0.46	0.46	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55
	10	TC	2.77	2.77	2.77	2.78	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.29	3.30	3.30	3.31
		S/T	0.55	0.64	0.73	0.83	0.51	0.60	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.45	0.45	0.45	0.45	0.47	0.47	0.47	0.47	0.50	0.50	0.50	0.50	0.53	0.53	0.53	0.53
	15	TC	2.73	2.74	2.74	2.74	2.90	2.90	2.90	2.91	3.07	3.07	3.08	3.08	3.26	3.26	3.26	3.27
		S/T	0.53	0.62	0.70	0.80	0.50	0.58	0.66	0.76	0.47	0.55	0.63	0.71	0.44	0.52	0.59	0.67
		PI	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.59
	20	TC	2.70	2.70	2.71	2.71	2.86	2.87	2.87	2.87	3.03	3.04	3.04	3.05	3.22	3.22	3.22	3.23
		S/T	0.51	0.60	0.68	0.77	0.48	0.56	0.64	0.73	0.45	0.53	0.60	0.69	0.43	0.50	0.57	0.65
		PI	0.53	0.53	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64
	25	TC	2.67	2.67	2.67	2.68	2.83	2.83	2.83	2.84	3.00	3.00	3.00	3.01	3.18	3.18	3.18	3.19
		S/T	0.49	0.57	0.65	0.74	0.46	0.54	0.62	0.70	0.44	0.51	0.58	0.66	0.41	0.48	0.55	0.62
		PI	0.58	0.58	0.58	0.58	0.61	0.61	0.61	0.62	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69
	30	TC	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04	3.21	3.21	3.22	3.22
		S/T	0.52	0.61	0.69	0.78	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70	0.43	0.51	0.58	0.66
		PI	0.74	0.74	0.74	0.75	0.79	0.79	0.79	0.79	0.83	0.84	0.84	0.84	0.88	0.89	0.89	0.89
	35	TC	2.75	2.76	2.76	2.77	2.92	2.92	2.93	2.93	3.10	3.10	3.10	3.11	3.28	3.29	3.29	3.29
		S/T	0.57	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.97	0.97	0.97	0.97	1.03	1.03	1.03	1.03	1.09	1.09	1.09	1.09	1.15	1.15	1.16	1.16
	40	TC	2.39	2.39	2.39	2.40	2.53	2.54	2.54	2.54	2.68	2.69	2.69	2.69	2.85	2.85	2.85	2.86
		S/T	0.61	0.71	0.81	0.92	0.57	0.67	0.76	0.87	0.54	0.63	0.72	0.82	0.51	0.60	0.68	0.77
		PI	0.86	0.86	0.86	0.86	0.91	0.91	0.91	0.91	0.97	0.97	0.97	0.97	1.02	1.03	1.03	1.03
	45	TC	1.85	1.85	1.85	1.85	1.96	1.96	1.96	1.97	2.08	2.08	2.08	2.08	2.20	2.20	2.21	2.21
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.68	0.77	0.87	0.54	0.64	0.72	0.83
		PI	0.71	0.71	0.71	0.71	0.75	0.75	0.75	0.75	0.79	0.79	0.80	0.80	0.84	0.84	0.84	0.84
	50	TC	1.04	1.05	1.05	1.05	1.11	1.11	1.11	1.11	1.17	1.18	1.18	1.18	1.24	1.25	1.25	1.25
		S/T	0.68	0.80	0.91	1.00	0.65	0.76	0.86	0.98	0.61	0.71	0.81	0.93	0.57	0.67	0.77	0.87
		PI	0.49	0.49	0.49	0.49	0.51	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58
510	0	TC	3.33	3.34	3.34	3.35	3.53	3.54	3.54	3.55	3.74	3.75	3.75	3.76	3.97	3.97	3.98	3.98
		S/T	0.56	0.66	0.75	0.86	0.53	0.63	0.71	0.81	0.50	0.59	0.67	0.76	0.47	0.56	0.63	0.72
		PI	0.53	0.53	0.53	0.53	0.56	0.56	0.56	0.56	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.63
	5	TC	3.14	3.15	3.15	3.15	3.33	3.33	3.34	3.34	3.53	3.53	3.54	3.54	3.74	3.75	3.75	3.76
		S/T	0.57	0.67	0.77	0.87	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73
		PI	0.48	0.49	0.49	0.49	0.51	0.51	0.52	0.52	0.54	0.55	0.55	0.55	0.58	0.58	0.58	0.58
	10	TC	2.94	2.95	2.95	2.96	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	3.52	3.52
		S/T	0.58	0.68	0.77	0.88	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74
		PI	0.46	0.47	0.47	0.47	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.56	0.56
	15	TC	2.91	2.91	2.92	2.92	3.09	3.09	3.09	3.10	3.27	3.27	3.28	3.28	3.47	3.47	3.47	3.48
		S/T	0.56	0.66	0.75	0.85	0.53	0.62	0.71	0.80	0.50	0.59	0.67	0.76	0.47	0.55	0.63	0.72
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.58	0.58	0.58	0.61	0.61	0.61	0.61
	20	TC	2.87	2.88	2.88	2.89	3.05	3.05	3.05	3.06	3.23	3.23	3.24	3.24	3.42	3.43	3.43	3.44
		S/T	0.54	0.64	0.72	0.82	0.51	0.60	0.68	0.78	0.48	0.57	0.64	0.73	0.45	0.53	0.61	0.69
		PI	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.66	0.67	0.67	0.67
	25	TC	2.84	2.84	2.85	2.85	3.01	3.01	3.02	3.02	3.19	3.20	3.20	3.20	3.38	3.39	3.39	3.40
		S/T	0.52	0.61	0.70	0.79	0.49	0.58	0.66	0.75	0.46	0.54	0.62	0.71	0.44	0.51	0.58	0.67
		PI	0.60	0.60	0.61	0.61	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72
	30	TC	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.22	3.23	3.23	3.24	3.42	3.42	3.43	3.43
		S/T	0.55	0.64	0.73	0.83	0.52	0.61	0.69	0.79	0.49	0.57	0.65	0.74	0.46	0.54	0.61	0.70
		PI	0.78	0.78	0.78	0.78	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.93	0.93
	35	TC	2.93	2.94	2.94	2.94	3.11	3.11	3.12	3.12	3.30	3.30	3.30	3.31	3.49	3.50	3.50	3.51
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.51	0.59	0.67	0.77
		PI	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.08	1.14	1.14	1.14	1.14	1.20	1.21	1.21	1.21
	40	TC	2.54	2.55	2.55	2.55	2.70	2.70	2.70	2.71	2.86	2.86	2.86	2.87	3.03	3.03	3.04	3.04
		S/T	0.65	0.76	0.86	0.98	0.61	0.72	0.81	0.93	0.58	0.67	0.77	0.87	0.54	0.64	0.72	0.82
		PI	0.90	0.90	0.90	0.90	0.95	0.95	0.95	0.96	1.01	1.01	1.01	1.01	1.07	1.07	1.07	1.07
	45	TC	1.97	1.97	1.97	1.97	2.09	2.09	2.09	2.09	2.21	2.21	2.22	2.22	2.34	2.35	2.35	2.35
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.74	0.74	0.74	0.74	0.78	0.78	0.78	0.78	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88
	50	TC	1.11	1.11	1.11	1.12	1.18	1.18	1.18	1.18	1.25	1.25	1.25	1.25	1.32	1.33	1.33	1.33
		S/T	0.73	0.85	0.97	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.86	0.99	0.61	0.72	0.82	0.93
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.61

630	0	TC	3.55	3.55	3.56	3.56	3.76	3.77	3.77	3.78	3.99	3.99	4.00	4.00	4.23	4.23	4.24	4.24
		S/T	0.60	0.71	0.80	0.91	0.57	0.67	0.76	0.86	0.54	0.63	0.71	0.81	0.50	0.59	0.67	0.77
		PI	0.56	0.56	0.56	0.56	0.59	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.67	0.67	0.67	0.67
	5	TC	3.34	3.35	3.35	3.36	3.55	3.55	3.55	3.56	3.76	3.76	3.77	3.77	3.98	3.99	3.99	4.00
		S/T	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88	0.54	0.64	0.73	0.83	0.51	0.60	0.69	0.78
		PI	0.51	0.51	0.51	0.51	0.54	0.54	0.54	0.54	0.57	0.58	0.58	0.58	0.61	0.61	0.61	0.61
	10	TC	3.13	3.14	3.14	3.15	3.32	3.33	3.33	3.34	3.52	3.53	3.53	3.54	3.73	3.74	3.74	3.75
		S/T	0.62	0.73	0.82	0.94	0.58	0.68	0.78	0.89	0.55	0.65	0.73	0.84	0.52	0.61	0.69	0.79
		PI	0.49	0.49	0.49	0.49	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.58	0.58	0.59	0.59
	15	TC	3.10	3.10	3.11	3.11	3.28	3.29	3.29	3.30	3.48	3.49	3.49	3.49	3.69	3.69	3.70	3.70
		S/T	0.60	0.70	0.80	0.91	0.56	0.66	0.75	0.86	0.53	0.62	0.71	0.81	0.50	0.59	0.67	0.76
		PI	0.54	0.54	0.54	0.54	0.57	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.64	0.64	0.64	0.64
	20	TC	3.06	3.06	3.07	3.07	3.25	3.25	3.25	3.26	3.44	3.44	3.45	3.45	3.65	3.65	3.65	3.66
		S/T	0.58	0.68	0.77	0.88	0.54	0.64	0.72	0.83	0.51	0.60	0.68	0.78	0.48	0.57	0.65	0.74
		PI	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.63	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70
	25	TC	3.02	3.03	3.03	3.04	3.21	3.21	3.21	3.22	3.40	3.40	3.41	3.41	3.60	3.61	3.61	3.62
		S/T	0.55	0.65	0.74	0.84	0.52	0.61	0.70	0.80	0.49	0.58	0.66	0.75	0.47	0.55	0.62	0.71
		PI	0.64	0.64	0.64	0.64	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76
	30	TC	3.06	3.06	3.06	3.07	3.24	3.24	3.25	3.25	3.43	3.44	3.44	3.45	3.64	3.64	3.65	3.65
		S/T	0.58	0.69	0.78	0.89	0.55	0.65	0.74	0.84	0.52	0.61	0.69	0.79	0.49	0.58	0.65	0.75
		PI	0.82	0.82	0.82	0.82	0.87	0.87	0.87	0.87	0.92	0.92	0.92	0.92	0.97	0.97	0.98	0.98
	35	TC	3.12	3.13	3.13	3.13	3.31	3.31	3.32	3.32	3.51	3.51	**3.52**	3.52	3.72	3.72	3.73	3.73
		S/T	0.64	0.75	0.85	0.97	0.60	0.71	0.81	0.92	0.57	0.67	**0.76**	0.87	0.54	0.63	0.72	0.82
		PI	1.07	1.07	1.07	1.07	1.13	1.13	1.13	1.13	1.20	1.20	**1.20**	1.20	1.27	1.27	1.27	1.27
	40	TC	2.71	2.71	2.71	2.72	2.87	2.87	2.88	2.88	3.04	3.05	3.05	3.05	3.23	3.23	3.23	3.24
		S/T	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99	0.61	0.72	0.82	0.93	0.58	0.68	0.77	0.88
		PI	0.95	0.95	0.95	0.95	1.00	1.00	1.01	1.01	1.06	1.06	1.07	1.07	1.13	1.13	1.13	1.13
	45	TC	2.09	2.10	2.10	2.10	2.22	2.22	2.23	2.23	2.35	2.36	2.36	2.36	2.49	2.50	2.50	2.50
		S/T	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.77	0.87	0.99	0.62	0.72	0.82	0.94
		PI	0.78	0.78	0.78	0.78	0.82	0.83	0.83	0.83	0.87	0.88	0.88	0.88	0.93	0.93	0.93	0.93
	50	TC	1.18	1.19	1.19	1.19	1.26	1.26	1.26	1.26	1.33	1.33	1.33	1.34	1.41	1.41	1.41	1.42
		S/T	0.75	0.88	1.00	1.00	0.73	0.86	0.98	1.00	0.69	0.81	0.92	1.00	0.65	0.76	0.87	0.99
		PI	0.53	0.53	0.54	0.54	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.64	0.64	0.64	0.64

TC:Total Cooling Capacity (kW)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Note: The table shows the case where the operation frequency of a compressor is fixed.

2.2 Heating

/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
332	-15.0	1.91	1.91	1.89	1.89	0.69	0.71	0.74	0.76
	-10.0	2.04	2.04	2.01	2.01	0.74	0.76	0.79	0.81
	-7.0	2.14	2.14	2.11	2.11	0.78	0.80	0.84	0.86
	-5.6	2.28	2.28	2.25	2.25	0.80	0.84	0.86	0.88
	-2.8	2.43	2.40	2.37	2.37	0.85	0.90	0.92	0.94
	0.0	2.51	2.48	2.46	2.46	0.91	0.95	0.97	0.99
	2.8	2.72	2.66	2.66	2.63	0.97	1.02	1.04	1.06
	5.6	3.00	2.95	2.95	2.92	1.03	1.08	1.11	1.13
	7.0	3.35	3.28	3.20	3.17	1.07	1.16	1.14	1.17
	11.1	3.54	3.49	3.46	3.43	1.15	1.20	1.23	1.26
	13.9	3.72	3.66	3.66	3.63	1.21	1.26	1.29	1.32
	16.7	3.92	3.86	3.84	3.81	1.26	1.32	1.35	1.38
	18.0	4.01	3.95	3.92	3.89	1.29	1.35	1.38	1.41
424	-15.0	1.98	1.96	1.96	1.94	0.69	0.71	0.74	0.76
	-10.0	2.12	2.09	2.09	2.07	0.74	0.76	0.79	0.81
	-7.0	2.22	2.19	2.19	2.17	0.78	0.81	0.84	0.86
	-5.6	2.34	2.31	2.31	2.28	0.81	0.85	0.87	0.89
	-2.8	2.48	2.46	2.43	2.43	0.86	0.90	0.92	0.95
	0.0	2.57	2.54	2.51	2.51	0.91	0.96	0.98	1.00
	2.8	2.77	2.72	2.72	2.69	0.98	1.02	1.05	1.07
	5.6	3.06	3.00	3.00	2.98	1.04	1.09	1.11	1.14
	7.0	3.41	3.34	3.25	3.23	1.07	1.17	1.15	1.18
	11.1	3.60	3.54	3.52	3.49	1.16	1.22	1.24	1.27
	13.9	3.78	3.75	3.72	3.69	1.22	1.28	1.30	1.33
	16.7	3.98	3.92	3.89	3.86	1.27	1.34	1.37	1.40
	18.0	4.07	4.01	3.98	3.95	1.30	1.36	1.40	1.43
592	-15.0	2.01	1.99	1.99	1.96	0.70	0.72	0.75	0.77
	-10.0	2.15	2.12	2.12	2.10	0.75	0.77	0.80	0.82
	-7.0	2.25	2.22	2.22	2.20	0.79	0.81	0.85	0.87
	-5.6	2.37	2.34	2.34	2.31	0.81	0.85	0.87	0.89
	-2.8	2.51	2.48	2.46	2.46	0.87	0.91	0.93	0.95
	0.0	2.60	2.57	2.54	2.54	0.92	0.96	0.99	1.01
	2.8	2.80	2.74	2.74	2.72	0.98	1.03	1.06	1.08
	5.6	3.09	3.03	3.03	3.00	1.05	1.10	1.12	1.15
	7.0	3.43	3.37	3.28	3.25	1.08	1.18	1.16	1.19
	11.1	3.63	3.57	3.54	3.52	1.17	1.23	1.25	1.28
	13.9	3.81	3.75	3.75	3.72	1.23	1.29	1.32	1.35
	16.7	4.01	3.95	3.92	3.89	1.29	1.35	1.38	1.41
	18.0	4.10	4.04	4.01	3.98	1.31	1.38	1.41	1.44

Note: The table shows the case where the operation frequency of a compressor is fixed.

/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
332	-15.0	1.91	1.91	1.89	1.89	0.66	0.67	0.71	0.72
	-10.0	2.04	2.04	2.01	2.01	0.70	0.72	0.76	0.76
	-7.0	2.14	2.14	2.11	2.11	0.74	0.76	0.80	0.81
	-5.6	2.28	2.28	2.25	2.25	0.76	0.80	0.82	0.84
	-2.8	2.43	2.40	2.37	2.37	0.81	0.85	0.87	0.89
	0.0	2.51	2.48	2.46	2.46	0.86	0.90	0.92	0.94
	2.8	2.72	2.66	2.66	2.63	0.92	0.96	0.99	1.01
	5.6	3.00	2.95	2.95	2.92	0.98	1.02	1.05	1.07
	7.0	3.35	3.28	3.20	3.17	1.01	1.10	1.08	1.11
	11.1	3.54	3.49	3.46	3.43	1.09	1.14	1.17	1.19
	13.9	3.72	3.66	3.66	3.63	1.14	1.20	1.23	1.25
	16.7	3.92	3.86	3.84	3.81	1.20	1.25	1.28	1.31
	18.0	4.01	3.95	3.92	3.89	1.22	1.28	1.31	1.34
424	-15.0	1.98	1.96	1.96	1.94	0.66	0.68	0.71	0.73
	-10.0	2.12	2.09	2.09	2.07	0.70	0.72	0.76	0.77
	-7.0	2.22	2.19	2.19	2.17	0.74	0.77	0.80	0.82
	-5.6	2.34	2.31	2.31	2.28	0.77	0.80	0.82	0.84
	-2.8	2.48	2.46	2.43	2.43	0.82	0.86	0.88	0.90
	0.0	2.57	2.54	2.51	2.51	0.86	0.91	0.93	0.95
	2.8	2.77	2.72	2.72	2.69	0.93	0.97	0.99	1.02
	5.6	3.06	3.00	3.00	2.98	0.99	1.03	1.06	1.08
	7.0	3.41	3.34	3.25	3.23	1.02	1.11	1.09	1.12
	11.1	3.60	3.54	3.52	3.49	1.10	1.15	1.18	1.21
	13.9	3.78	3.75	3.72	3.69	1.15	1.21	1.24	1.27
	16.7	3.98	3.92	3.89	3.86	1.21	1.27	1.30	1.33
	18.0	4.07	4.01	3.98	3.95	1.24	1.29	1.32	1.35
592	-15.0	2.01	1.99	1.99	1.96	0.66	0.68	0.72	0.73
	-10.0	2.15	2.12	2.12	2.10	0.71	0.73	0.76	0.77
	-7.0	2.25	2.22	2.22	2.20	0.75	0.77	0.81	0.82
	-5.6	2.37	2.34	2.34	2.31	0.77	0.81	0.83	0.85
	-2.8	2.51	2.48	2.46	2.46	0.82	0.86	0.88	0.90
	0.0	2.60	2.57	2.54	2.54	0.87	0.92	0.94	0.96
	2.8	2.80	2.74	2.74	2.72	0.93	0.98	1.00	1.03
	5.6	3.09	3.03	3.03	3.00	0.99	1.04	1.07	1.09
	7.0	3.43	3.37	3.28	3.25	1.03	1.12	1.10	1.13
	11.1	3.63	3.57	3.54	3.52	1.11	1.16	1.19	1.22
	13.9	3.81	3.75	3.75	3.72	1.17	1.22	1.25	1.28
	16.7	4.01	3.95	3.92	3.89	1.22	1.28	1.31	1.34
	18.0	4.10	4.04	4.01	3.98	1.25	1.31	1.34	1.37

Note: The table shows the case where the operation frequency of a compressor is fixed.

/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
550	-15.0	2.95	2.92	2.90	2.87	0.92	0.94	0.99	1.01
	-10.0	3.15	3.12	3.09	3.07	0.98	1.01	1.05	1.08
	-7.0	3.30	3.27	3.24	3.21	1.04	1.07	1.12	1.15
	-5.6	3.50	3.47	3.44	3.41	1.08	1.13	1.15	1.18
	-2.8	3.70	3.65	3.62	3.62	1.14	1.20	1.23	1.25
	0.0	3.85	3.79	3.76	3.73	1.21	1.27	1.30	1.33
	2.8	4.14	4.08	4.05	4.02	1.29	1.36	1.39	1.42
	5.6	4.57	4.51	4.48	4.46	1.38	1.44	1.48	1.51
	7.0	5.05	4.98	4.84	4.81	1.41	1.54	1.52	1.55
	11.1	5.36	5.30	5.24	5.22	1.53	1.60	1.64	1.67
	13.9	5.65	5.56	5.53	5.51	1.60	1.68	1.72	1.76
	16.7	5.94	5.85	5.82	5.80	1.68	1.76	1.80	1.84
	18.0	6.09	6.00	5.97	5.91	1.71	1.80	1.84	1.88
650	-15.0	3.04	2.99	2.99	2.96	0.93	0.95	1.00	1.02
	-10.0	3.24	3.19	3.19	3.16	0.99	1.02	1.06	1.09
	-7.0	3.40	3.34	3.34	3.31	1.05	1.08	1.13	1.16
	-5.6	3.59	3.53	3.53	3.50	1.09	1.14	1.17	1.19
	-2.8	3.76	3.73	3.70	3.67	1.15	1.21	1.24	1.27
	0.0	3.91	3.88	3.85	3.82	1.22	1.28	1.31	1.35
	2.8	4.20	4.14	4.11	4.08	1.31	1.37	1.41	1.44
	5.6	4.66	4.60	4.57	4.54	1.39	1.46	1.50	1.53
	7.0	5.13	5.07	4.93	4.90	1.43	1.56	1.54	1.57
	11.1	5.45	5.39	5.33	5.30	1.55	1.62	1.66	1.70
	13.9	5.74	5.68	5.62	5.59	1.62	1.70	1.74	1.78
	16.7	6.03	5.97	5.91	5.88	1.70	1.78	1.82	1.86
	18.0	6.17	6.09	6.06	6.00	1.74	1.82	1.86	1.90
850	-15.0	3.05	3.03	3.00	2.98	0.94	0.96	1.01	1.03
	-10.0	3.26	3.23	3.21	3.18	1.00	1.03	1.07	1.10
	-7.0	3.41	3.39	3.36	3.33	1.06	1.09	1.14	1.17
	-5.6	3.62	3.59	3.56	3.53	1.10	1.15	1.18	1.20
	-2.8	3.82	3.76	3.76	3.73	1.17	1.22	1.25	1.28
	0.0	3.96	3.91	3.88	3.85	1.24	1.30	1.33	1.36
	2.8	4.25	4.20	4.17	4.14	1.32	1.39	1.42	1.45
	5.6	4.72	4.66	4.60	4.57	1.41	1.48	1.51	1.55
	7.0	5.19	5.13	4.98	4.96	1.45	1.58	1.56	1.59
	11.1	5.51	5.45	5.39	5.36	1.57	1.64	1.68	1.72
	13.9	5.80	5.74	5.68	5.65	1.64	1.72	1.76	1.80
	16.7	6.11	6.03	5.97	5.94	1.72	1.81	1.85	1.89
	18.0	6.26	6.17	6.11	6.09	1.76	1.85	1.89	1.93

Note: The table shows the case where the operation frequency of a compressor is fixed.

/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
670	-15.0	3.70	3.67	3.65	3.63	1.02	1.05	1.09	1.12
	-10.0	3.95	3.92	3.90	3.87	1.09	1.12	1.16	1.19
	-7.0	4.14	4.11	4.08	4.06	1.16	1.19	1.24	1.27
	-5.6	4.40	4.37	4.34	4.31	1.20	1.25	1.28	1.31
	-2.8	4.66	4.60	4.57	4.55	1.27	1.33	1.36	1.39
	0.0	4.83	4.78	4.72	4.69	1.34	1.41	1.44	1.47
	2.8	5.18	5.12	5.10	5.04	1.44	1.50	1.53	1.57
	5.6	5.73	5.67	5.62	5.59	1.52	1.59	1.63	1.67
	7.0	6.34	6.27	6.07	6.04	1.57	1.71	1.68	1.72
	11.1	6.74	6.65	6.62	6.56	1.69	1.78	1.82	1.86
	13.9	7.12	7.03	6.97	6.91	1.78	1.86	1.91	1.95
	16.7	7.46	7.38	7.32	7.29	1.86	1.95	1.99	2.04
	18.0	7.64	7.55	7.49	7.44	1.90	1.99	2.04	2.08
840	-15.0	3.81	3.76	3.73	3.71	1.03	1.05	1.10	1.13
	-10.0	4.06	4.01	3.99	3.96	1.10	1.12	1.17	1.20
	-7.0	4.26	4.20	4.18	4.15	1.17	1.20	1.25	1.28
	-5.6	4.52	4.46	4.43	4.40	1.20	1.26	1.29	1.32
	-2.8	4.75	4.69	4.66	4.63	1.28	1.34	1.37	1.41
	0.0	4.92	4.86	4.83	4.81	1.36	1.42	1.45	1.48
	2.8	5.30	5.21	5.18	5.15	1.45	1.51	1.55	1.58
	5.6	5.85	5.76	5.73	5.70	1.54	1.61	1.65	1.68
	7.0	6.49	6.39	6.19	6.16	1.59	1.73	1.70	1.74
	11.1	6.85	6.77	6.74	6.68	1.71	1.80	1.84	1.88
	13.9	7.23	7.14	7.09	7.06	1.80	1.89	1.93	1.97
	16.7	7.61	7.49	7.46	7.41	1.89	1.98	2.02	2.07
	18.0	7.78	7.67	7.64	7.58	1.93	2.02	2.07	2.11
1150	-15.0	3.85	3.80	3.78	3.76	1.04	1.07	1.12	1.14
	-10.0	4.11	4.06	4.04	4.01	1.11	1.14	1.19	1.22
	-7.0	4.31	4.26	4.23	4.20	1.18	1.21	1.27	1.30
	-5.6	4.57	4.52	4.49	4.46	1.22	1.28	1.31	1.34
	-2.8	4.81	4.75	4.72	4.69	1.29	1.36	1.39	1.42
	0.0	4.98	4.92	4.86	4.83	1.37	1.44	1.46	1.50
	2.8	5.36	5.27	5.24	5.21	1.46	1.53	1.56	1.60
	5.6	5.91	5.82	5.79	5.76	1.55	1.63	1.67	1.70
	7.0	6.54	6.45	6.24	6.22	1.61	1.75	1.72	1.76
	11.1	6.94	6.83	6.80	6.74	1.73	1.82	1.86	1.90
	13.9	7.29	7.20	7.14	7.12	1.82	1.91	1.95	2.00
	16.7	7.67	7.55	7.52	7.46	1.91	2.00	2.05	2.09
	18.0	7.84	7.75	7.70	7.64	1.95	2.04	2.09	2.14

Note: The table shows the case where the operation frequency of a compressor is fixed.

/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
410	-15.0	1.91	1.91	1.89	1.89	0.68	0.69	0.73	0.74
	-10.0	2.04	2.04	2.01	2.01	0.72	0.74	0.78	0.79
	-7.0	2.14	2.14	2.11	2.11	0.77	0.79	0.83	0.84
	-5.6	2.28	2.28	2.25	2.25	0.79	0.83	0.85	0.87
	-2.8	2.43	2.40	2.37	2.37	0.84	0.88	0.90	0.92
	0.0	2.51	2.48	2.46	2.46	0.89	0.94	0.96	0.98
	2.8	2.72	2.66	2.66	2.63	0.95	1.00	1.02	1.05
	5.6	3.00	2.95	2.95	2.92	1.01	1.06	1.09	1.11
	7.0	3.35	3.28	3.20	3.17	1.04	1.13	1.11	1.14
	11.1	3.54	3.49	3.46	3.43	1.12	1.16	1.19	1.22
	13.9	3.72	3.66	3.66	3.63	1.16	1.22	1.25	1.28
	16.7	3.92	3.86	3.84	3.81	1.22	1.28	1.31	1.34
	18.0	4.01	3.95	3.92	3.89	1.25	1.31	1.34	1.37
500	-15.0	1.98	1.96	1.96	1.94	0.69	0.70	0.73	0.75
	-10.0	2.12	2.09	2.09	2.07	0.73	0.75	0.78	0.80
	-7.0	2.22	2.19	2.19	2.17	0.78	0.79	0.83	0.85
	-5.6	2.34	2.31	2.31	2.28	0.80	0.84	0.86	0.88
	-2.8	2.48	2.46	2.43	2.43	0.85	0.89	0.91	0.93
	0.0	2.57	2.54	2.51	2.51	0.90	0.95	0.97	0.99
	2.8	2.77	2.72	2.72	2.69	0.96	1.01	1.03	1.06
	5.6	3.06	3.00	3.00	2.98	1.03	1.08	1.10	1.13
	7.0	3.41	3.34	3.25	3.23	1.05	1.14	1.13	1.15
	11.1	3.60	3.54	3.52	3.49	1.13	1.18	1.21	1.23
	13.9	3.78	3.75	3.72	3.69	1.18	1.24	1.27	1.30
	16.7	3.98	3.92	3.89	3.86	1.24	1.30	1.33	1.36
	18.0	4.07	4.01	3.98	3.95	1.26	1.33	1.36	1.39
660	-15.0	2.01	1.99	1.99	1.96	0.69	0.70	0.74	0.76
	-10.0	2.15	2.12	2.12	2.10	0.73	0.75	0.79	0.81
	-7.0	2.25	2.22	2.22	2.20	0.78	0.80	0.84	0.86
	-5.6	2.37	2.34	2.34	2.31	0.81	0.84	0.86	0.88
	-2.8	2.51	2.48	2.46	2.46	0.86	0.90	0.92	0.94
	0.0	2.60	2.57	2.54	2.54	0.91	0.95	0.98	1.00
	2.8	2.80	2.74	2.74	2.72	0.97	1.02	1.05	1.07
	5.6	3.09	3.03	3.03	3.00	1.04	1.09	1.11	1.14
	7.0	3.43	3.37	3.28	3.25	1.06	1.16	1.14	1.16
	11.1	3.63	3.57	3.54	3.52	1.15	1.20	1.22	1.25
	13.9	3.81	3.75	3.75	3.72	1.20	1.26	1.29	1.32
	16.7	4.01	3.95	3.92	3.89	1.26	1.32	1.35	1.38
	18.0	4.10	4.04	4.01	3.98	1.28	1.35	1.38	1.41

Note: The table shows the case where the operation frequency of a compressor is fixed.

/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
410	-15.0	1.91	1.91	1.89	1.89	0.68	0.69	0.73	0.75
	-10.0	2.04	2.04	2.01	2.01	0.72	0.74	0.78	0.80
	-7.0	2.14	2.14	2.11	2.11	0.77	0.79	0.83	0.85
	-5.6	2.28	2.28	2.25	2.25	0.79	0.83	0.85	0.87
	-2.8	2.43	2.40	2.37	2.37	0.84	0.89	0.91	0.93
	0.0	2.51	2.48	2.46	2.46	0.90	0.94	0.95	0.97
	2.8	2.72	2.66	2.66	2.63	0.95	1.00	1.02	1.04
	5.6	3.00	2.95	2.95	2.92	1.01	1.06	1.09	1.11
	7.0	3.35	3.28	3.20	3.17	1.06	1.15	1.13	1.16
	11.1	3.54	3.49	3.46	3.43	1.14	1.19	1.22	1.25
	13.9	3.72	3.66	3.66	3.63	1.20	1.25	1.28	1.31
	16.7	3.92	3.86	3.84	3.81	1.25	1.31	1.34	1.37
	18.0	4.01	3.95	3.92	3.89	1.28	1.34	1.37	1.40
500	-15.0	1.98	1.96	1.96	1.94	0.69	0.70	0.73	0.75
	-10.0	2.12	2.09	2.09	2.07	0.73	0.75	0.78	0.80
	-7.0	2.22	2.19	2.19	2.17	0.78	0.79	0.83	0.85
	-5.6	2.34	2.31	2.31	2.28	0.80	0.84	0.86	0.88
	-2.8	2.48	2.46	2.43	2.43	0.85	0.89	0.92	0.94
	0.0	2.57	2.54	2.51	2.51	0.90	0.95	0.96	0.98
	2.8	2.77	2.72	2.72	2.69	0.96	1.00	1.03	1.05
	5.6	3.06	3.00	3.00	2.98	1.02	1.07	1.09	1.12
	7.0	3.41	3.34	3.25	3.23	1.07	1.16	1.14	1.17
	11.1	3.60	3.54	3.52	3.49	1.15	1.21	1.23	1.26
	13.9	3.78	3.75	3.72	3.69	1.21	1.26	1.29	1.32
	16.7	3.98	3.92	3.89	3.86	1.26	1.32	1.35	1.39
	18.0	4.07	4.01	3.98	3.95	1.29	1.35	1.38	1.42
660	-15.0	2.01	1.99	1.99	1.96	0.69	0.71	0.75	0.76
	-10.0	2.15	2.12	2.12	2.10	0.74	0.76	0.80	0.82
	-7.0	2.25	2.22	2.22	2.20	0.79	0.81	0.85	0.87
	-5.6	2.37	2.34	2.34	2.31	0.81	0.85	0.87	0.89
	-2.8	2.51	2.48	2.46	2.46	0.86	0.91	0.93	0.95
	0.0	2.60	2.57	2.54	2.54	0.91	0.95	0.97	0.99
	2.8	2.80	2.74	2.74	2.72	0.97	1.01	1.04	1.06
	5.6	3.09	3.03	3.03	3.00	1.03	1.08	1.11	1.13
	7.0	3.43	3.37	3.28	3.25	1.08	1.17	1.15	1.18
	11.1	3.63	3.57	3.54	3.52	1.16	1.21	1.24	1.27
	13.9	3.81	3.75	3.75	3.72	1.22	1.27	1.30	1.33
	16.7	4.01	3.95	3.92	3.89	1.27	1.33	1.36	1.39
	18.0	4.10	4.04	4.01	3.98	1.30	1.36	1.39	1.42

Note: The table shows the case where the operation frequency of a compressor is fixed.

/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
450	-15.0	1.53	1.50	1.50	1.50	0.40	0.41	0.42	0.43
	-10.0	1.63	1.61	1.61	1.61	0.42	0.43	0.45	0.46
	-7.0	1.71	1.68	1.68	1.68	0.45	0.46	0.48	0.49
	-5.6	1.80	1.77	1.77	1.77	0.46	0.49	0.50	0.51
	-2.8	1.92	1.89	1.86	1.86	0.49	0.52	0.53	0.54
	0.0	1.97	1.94	1.94	1.92	0.52	0.55	0.56	0.57
	2.8	2.12	2.09	2.09	2.06	0.56	0.59	0.60	0.61
	5.6	2.35	2.32	2.29	2.29	0.59	0.62	0.64	0.65
	7.0	2.58	2.55	2.46	2.46	0.61	0.66	0.65	0.66
	11.1	2.75	2.70	2.70	2.67	0.65	0.69	0.70	0.72
	13.9	2.90	2.84	2.84	2.81	0.69	0.72	0.74	0.75
	16.7	3.04	2.99	2.99	2.96	0.72	0.76	0.77	0.79
	18.0	3.10	3.07	3.04	3.01	0.74	0.77	0.79	0.81
520	-15.0	1.57	1.54	1.54	1.52	0.41	0.41	0.43	0.44
	-10.0	1.67	1.65	1.65	1.62	0.43	0.44	0.46	0.47
	-7.0	1.75	1.72	1.72	1.70	0.46	0.47	0.49	0.50
	-5.6	1.86	1.83	1.83	1.80	0.47	0.49	0.51	0.52
	-2.8	1.94	1.92	1.92	1.89	0.50	0.53	0.54	0.55
	0.0	2.03	2.00	1.97	1.97	0.53	0.56	0.57	0.58
	2.8	2.18	2.15	2.12	2.12	0.57	0.60	0.61	0.62
	5.6	2.41	2.38	2.35	2.32	0.60	0.63	0.65	0.66
	7.0	2.64	2.61	2.52	2.52	0.61	0.67	0.66	0.67
	11.1	2.81	2.75	2.75	2.72	0.66	0.70	0.71	0.73
	13.9	2.96	2.93	2.90	2.87	0.70	0.73	0.75	0.76
	16.7	3.10	3.07	3.04	3.01	0.73	0.77	0.78	0.80
	18.0	3.19	3.13	3.10	3.10	0.75	0.78	0.80	0.82
660	-15.0	1.56	1.56	1.53	1.53	0.41	0.41	0.43	0.44
	-10.0	1.66	1.66	1.64	1.64	0.43	0.44	0.46	0.47
	-7.0	1.74	1.74	1.71	1.71	0.46	0.47	0.49	0.50
	-5.6	1.86	1.86	1.83	1.83	0.47	0.50	0.51	0.52
	-2.8	1.97	1.94	1.92	1.92	0.50	0.53	0.54	0.55
	0.0	2.03	2.00	2.00	1.97	0.54	0.56	0.58	0.59
	2.8	2.21	2.18	2.15	2.15	0.57	0.60	0.62	0.63
	5.6	2.44	2.41	2.38	2.35	0.61	0.64	0.66	0.67
	7.0	2.67	2.64	2.55	2.55	0.62	0.68	0.67	0.68
	11.1	2.84	2.81	2.78	2.75	0.67	0.71	0.72	0.74
	13.9	2.99	2.96	2.93	2.90	0.71	0.74	0.76	0.78
	16.7	3.13	3.10	3.07	3.04	0.74	0.78	0.80	0.82
	18.0	3.22	3.16	3.16	3.13	0.76	0.80	0.82	0.83

Note: The table shows the case where the operation frequency of a compressor is fixed.

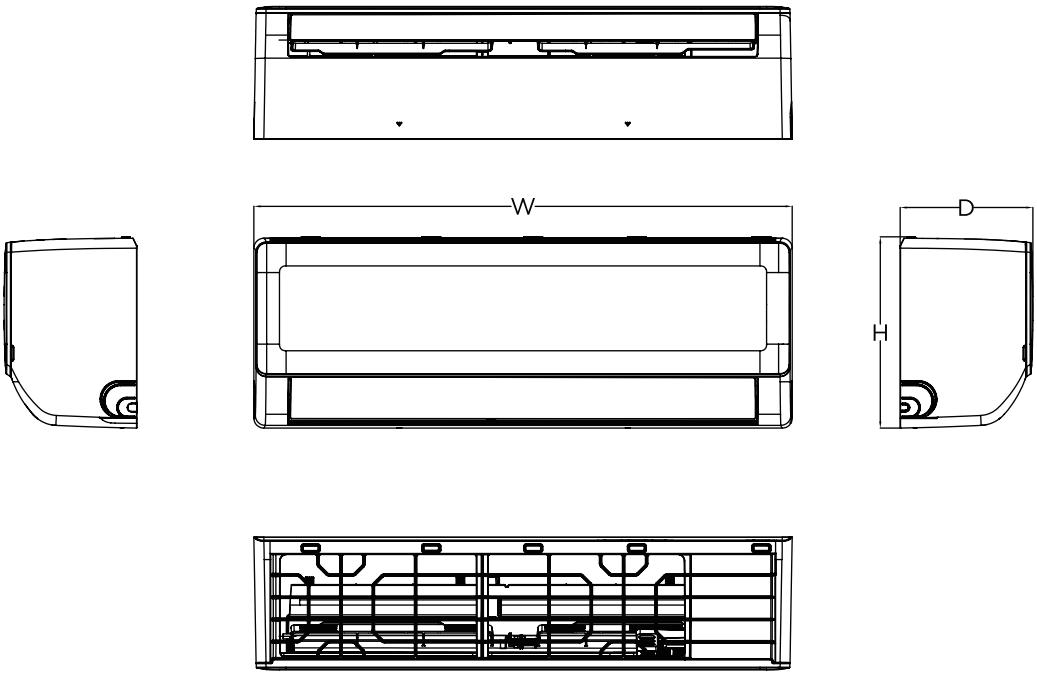
/								[SI_Unit]
INDOOR AIRFLOW (CMH)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE							
	OUTDOOR DB(°C)	TC:TOTAL CAPACITY IN KILOWATTS (KW)				PI:TOTAL POWER IN KILOWATTS (KW)			
		Indoor Conditions (DB °C)				Indoor Conditions (DB °C)			
		16.0	20.0	22.0	24.0	16.0	20.0	22.0	24.0
450	-15.0	2.05	2.02	2.00	2.00	0.59	0.61	0.64	0.66
	-10.0	2.19	2.16	2.13	2.13	0.63	0.65	0.68	0.70
	-7.0	2.29	2.26	2.24	2.24	0.67	0.69	0.72	0.74
	-5.6	2.44	2.41	2.38	2.38	0.69	0.73	0.74	0.76
	-2.8	2.55	2.52	2.50	2.50	0.74	0.77	0.79	0.81
	0.0	2.64	2.61	2.58	2.58	0.78	0.82	0.84	0.86
	2.8	2.84	2.81	2.79	2.76	0.83	0.88	0.90	0.92
	5.6	3.13	3.10	3.08	3.08	0.89	0.93	0.95	0.97
	7.0	3.46	3.43	3.31	3.31	0.92	1.00	0.99	1.01
	11.1	3.69	3.63	3.60	3.58	0.99	1.04	1.06	1.09
	13.9	3.89	3.84	3.81	3.78	1.04	1.09	1.11	1.14
	16.7	4.07	4.04	4.01	3.98	1.09	1.14	1.17	1.19
	18.0	4.19	4.13	4.10	4.07	1.11	1.17	1.19	1.22
510	-15.0	2.08	2.05	2.03	2.03	0.60	0.62	0.65	0.66
	-10.0	2.22	2.19	2.17	2.17	0.64	0.66	0.69	0.70
	-7.0	2.33	2.30	2.27	2.27	0.68	0.70	0.73	0.74
	-5.6	2.47	2.44	2.41	2.41	0.70	0.73	0.75	0.77
	-2.8	2.58	2.55	2.55	2.52	0.74	0.78	0.80	0.82
	0.0	2.70	2.67	2.64	2.61	0.79	0.83	0.85	0.86
	2.8	2.90	2.84	2.84	2.81	0.84	0.88	0.90	0.92
	5.6	3.19	3.16	3.13	3.10	0.90	0.94	0.96	0.98
	7.0	3.52	3.49	3.37	3.37	0.93	1.01	0.99	1.02
	11.1	3.75	3.69	3.66	3.66	1.00	1.05	1.07	1.10
	13.9	3.95	3.89	3.87	3.84	1.05	1.10	1.13	1.15
	16.7	4.16	4.10	4.07	4.04	1.10	1.15	1.18	1.21
	18.0	4.24	4.19	4.16	4.13	1.12	1.18	1.21	1.23
630	-15.0	2.10	2.08	2.05	2.05	0.60	0.62	0.65	0.66
	-10.0	2.24	2.22	2.19	2.19	0.64	0.66	0.69	0.71
	-7.0	2.35	2.32	2.29	2.29	0.68	0.70	0.73	0.75
	-5.6	2.50	2.47	2.44	2.44	0.70	0.74	0.76	0.77
	-2.8	2.61	2.58	2.58	2.55	0.75	0.79	0.80	0.82
	0.0	2.73	2.67	2.67	2.64	0.79	0.83	0.85	0.87
	2.8	2.93	2.87	2.87	2.84	0.85	0.89	0.91	0.93
	5.6	3.22	3.19	3.16	3.13	0.91	0.95	0.97	0.99
	7.0	3.55	3.52	3.40	3.40	0.94	1.02	1.00	1.03
	11.1	3.78	3.72	3.69	3.69	1.01	1.06	1.08	1.11
	13.9	3.98	3.92	3.89	3.87	1.06	1.11	1.14	1.16
	16.7	4.19	4.13	4.10	4.07	1.11	1.17	1.19	1.22
	18.0	4.27	4.21	4.19	4.16	1.14	1.19	1.22	1.25

Note: The table shows the case where the operation frequency of a compressor is fixed.

3. Dimensional Drawings & Centre of gravity

3.1 Dimensional Drawings

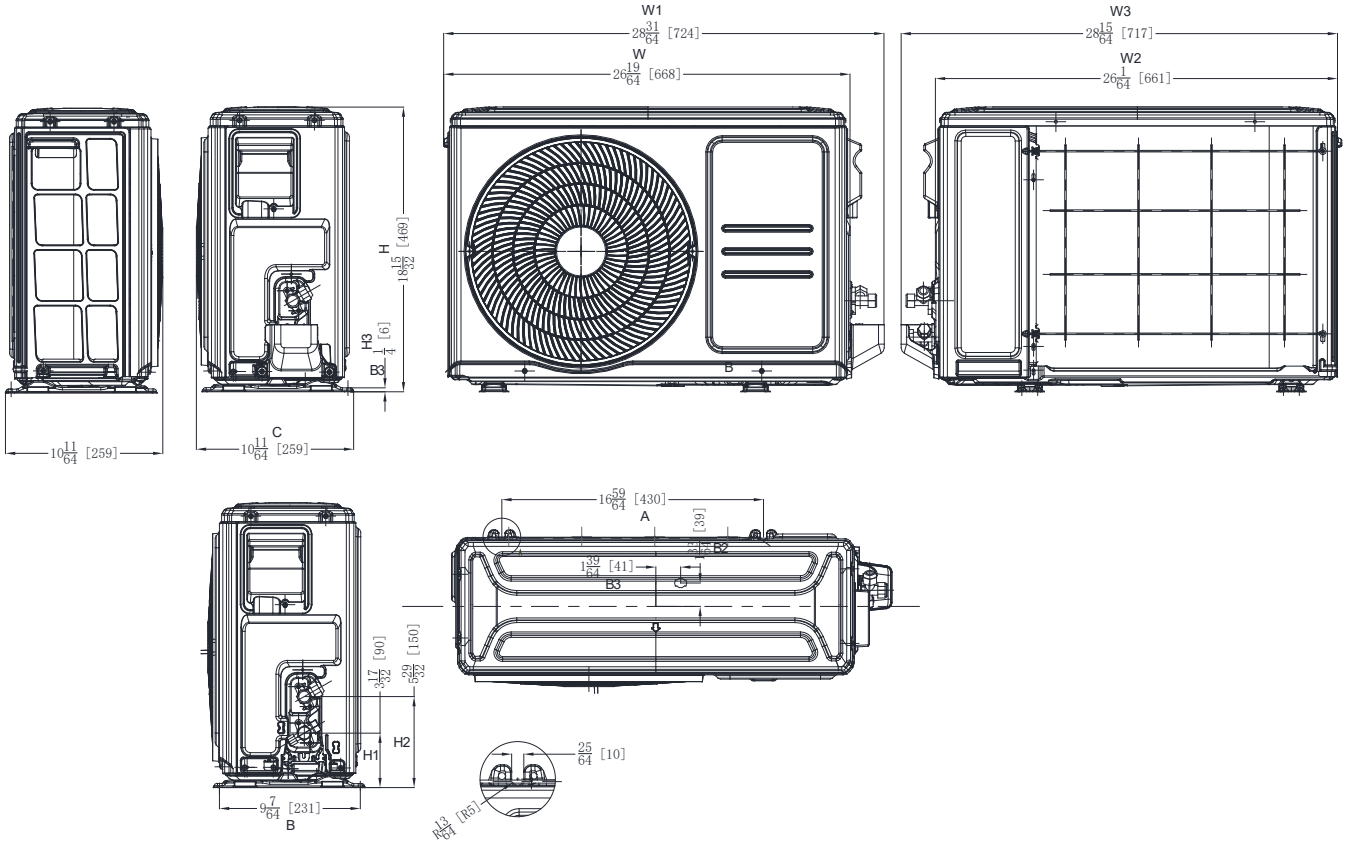
3.1.1 Indoor Unit



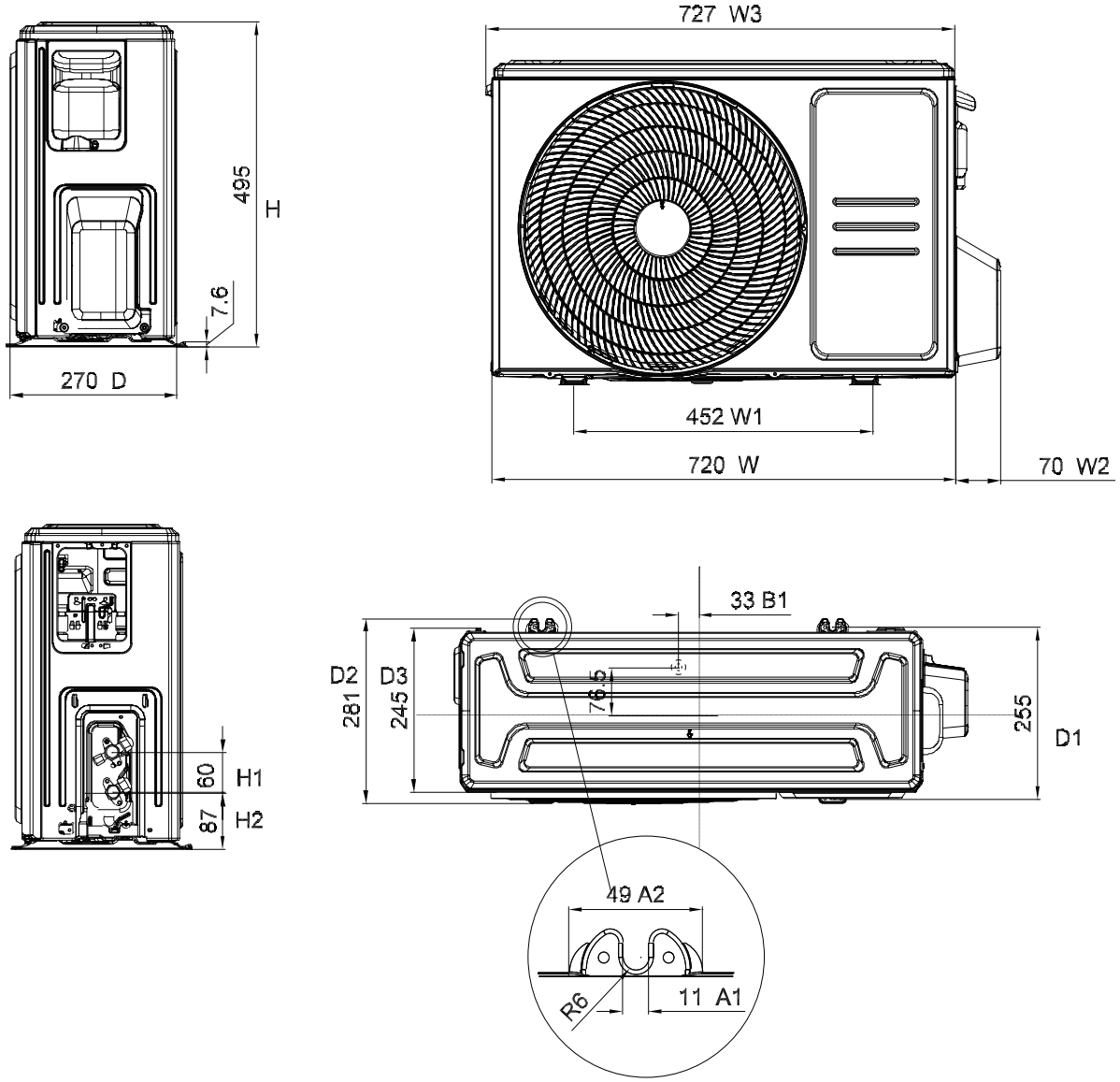
Models	Unit	W	D	H
/	mm	723	199	286
/				
/				
/				
CAC12CD(I)-V				
CAC12CA(I)-V				
/	mm	813	201	289
/				
/				
/				
/				
/				
/				
/				
/				
CAC18CD(I)-V	mm	975	218	308
/				
CAC24CD(I)-V	mm	1055	231	330
/				

3.1.2 Outdoor Unit

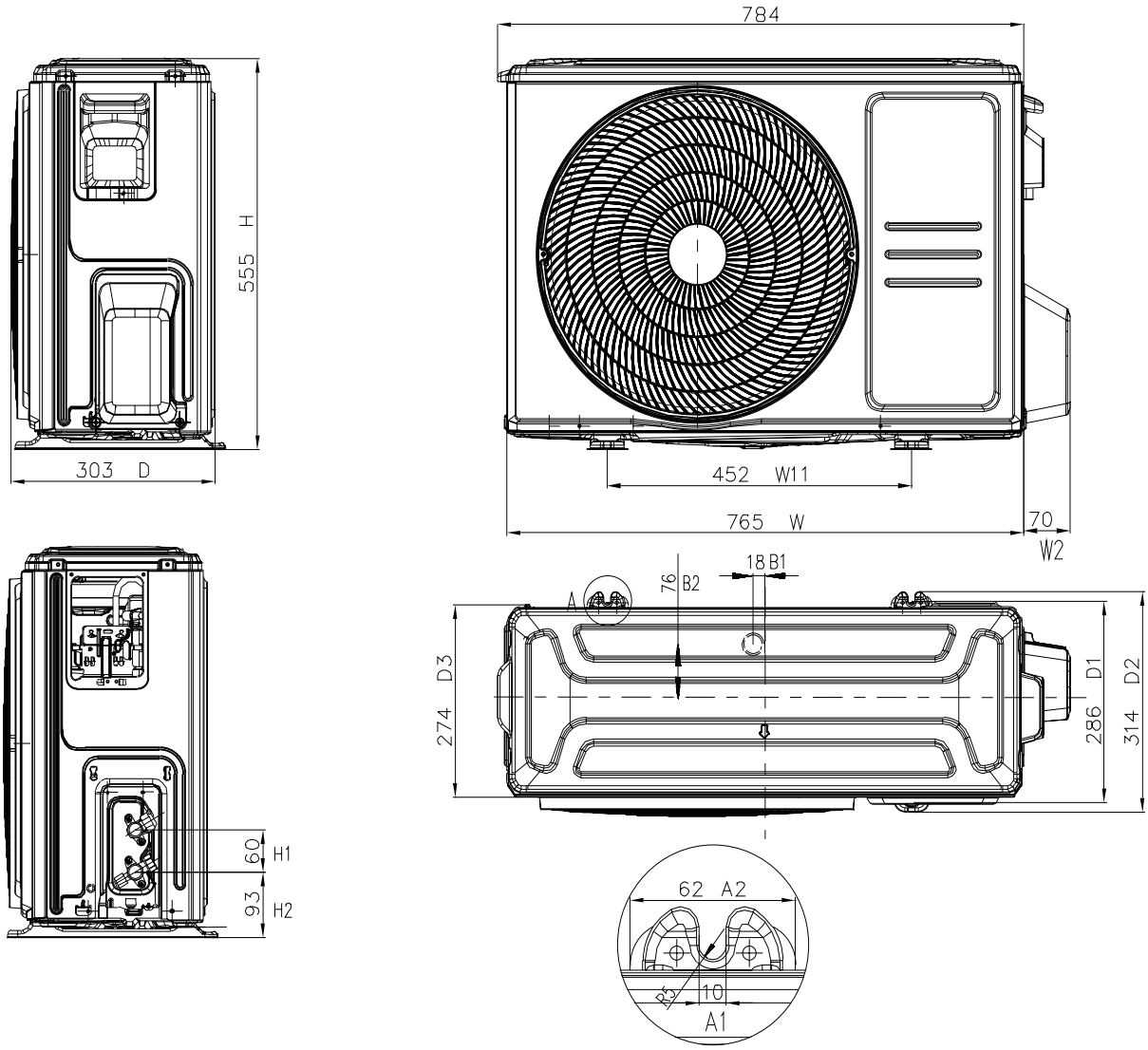
MOX030/MOX031



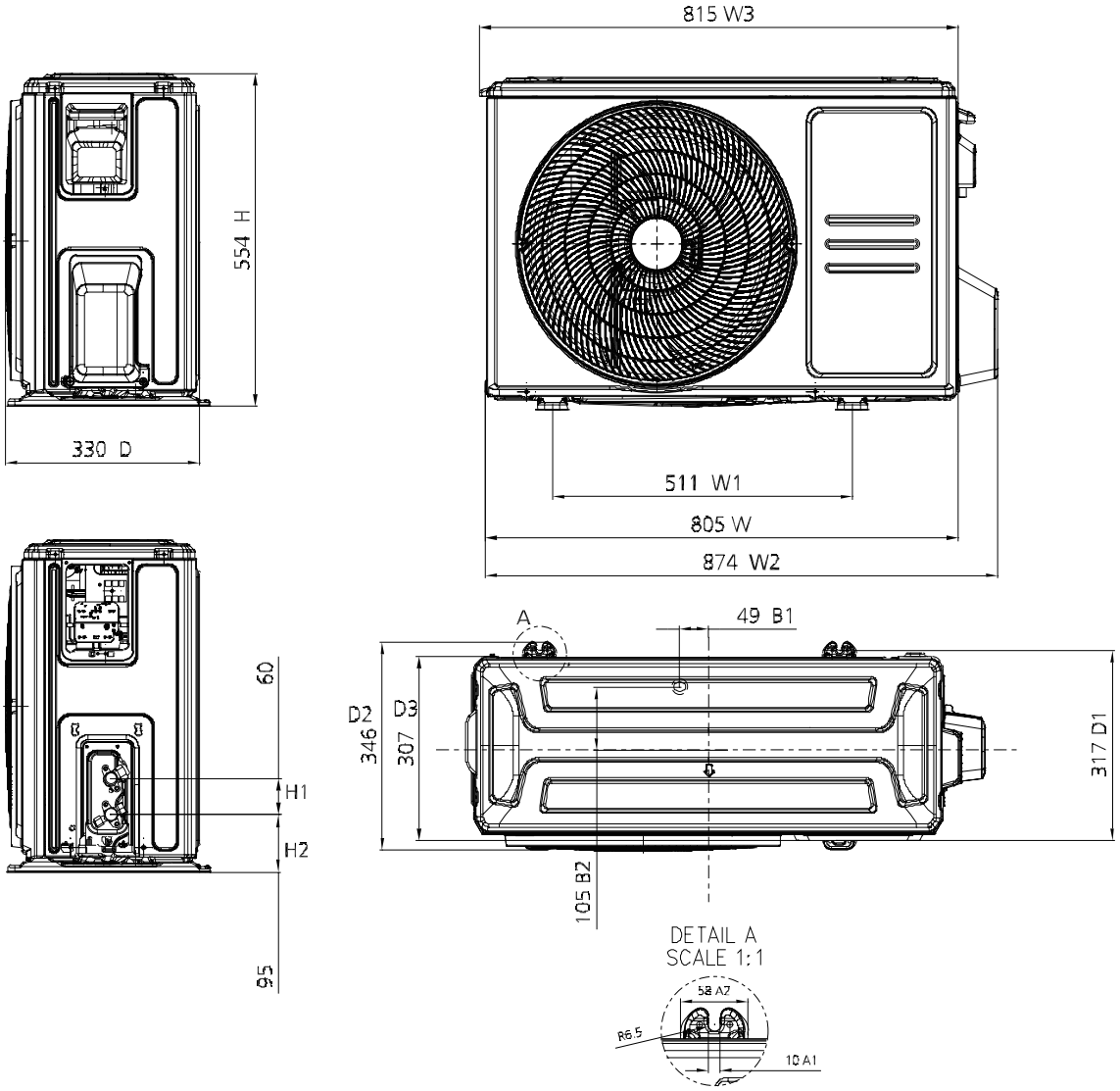
CAC12CA(O)-V
CAC12CD(O)-V



MOX230

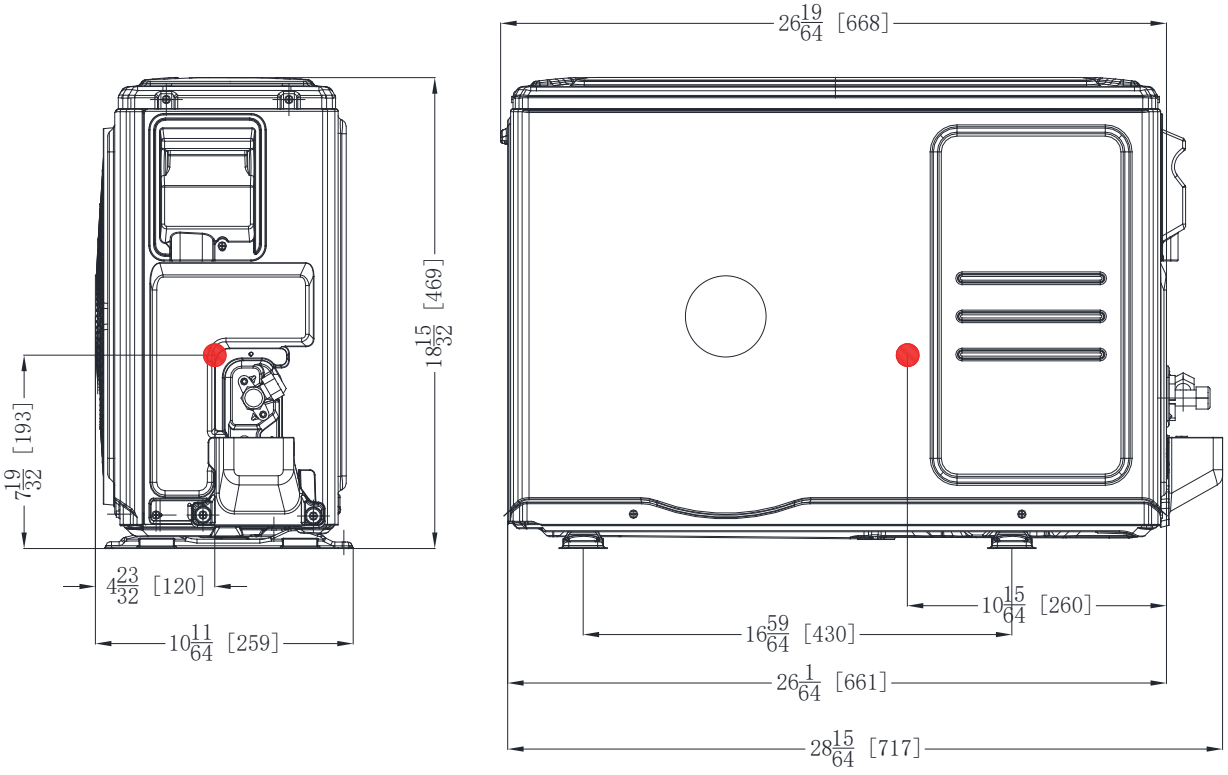

784
555 H
303 D
452 W11
765 W
70
W2
18 B1
76 B2
A
D3
274
D1
286
D2
314
60 H1
93 H2
62 A2
R5
10
A1

MOX330

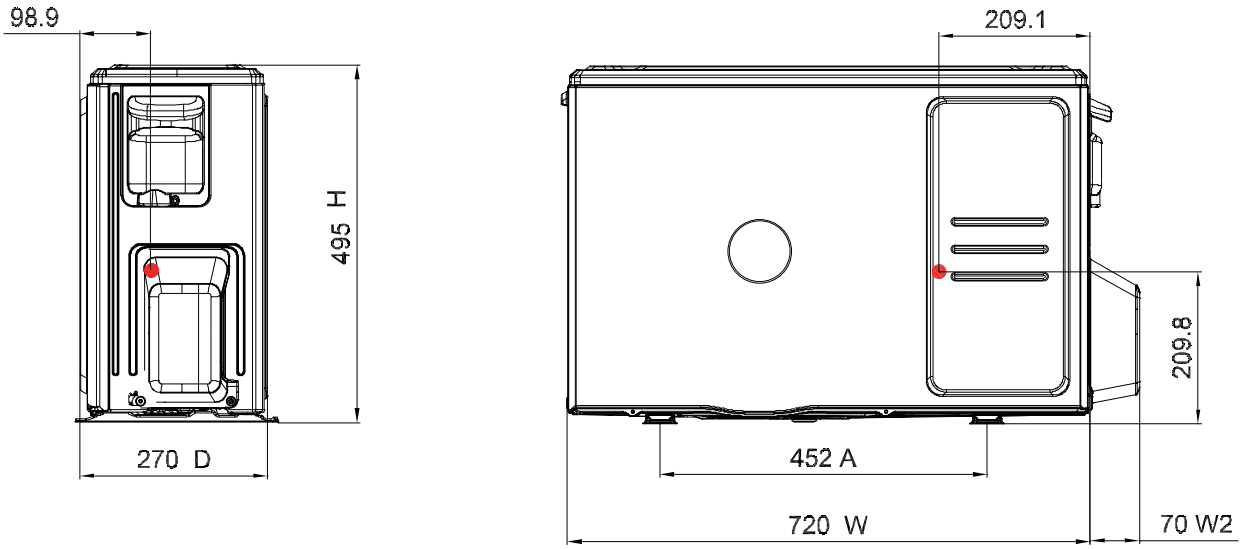

815 W3
554 H
330 D
511 W1
805 W
874 W2
60
H1
H2
95
A
49 B1
D2
346
D3
307
317 D1
105 B2
DETAIL A
SCALE 1:1
58 A7
R6.5
10 A1

3.2 Centre of gravity

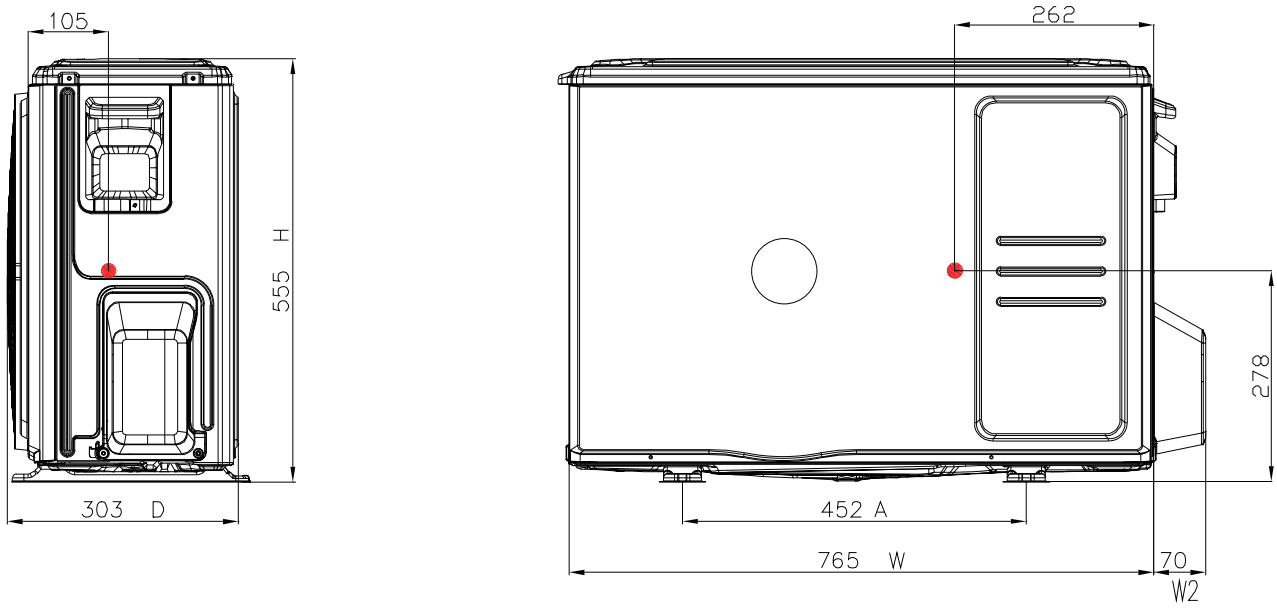
MOX030/MOX031



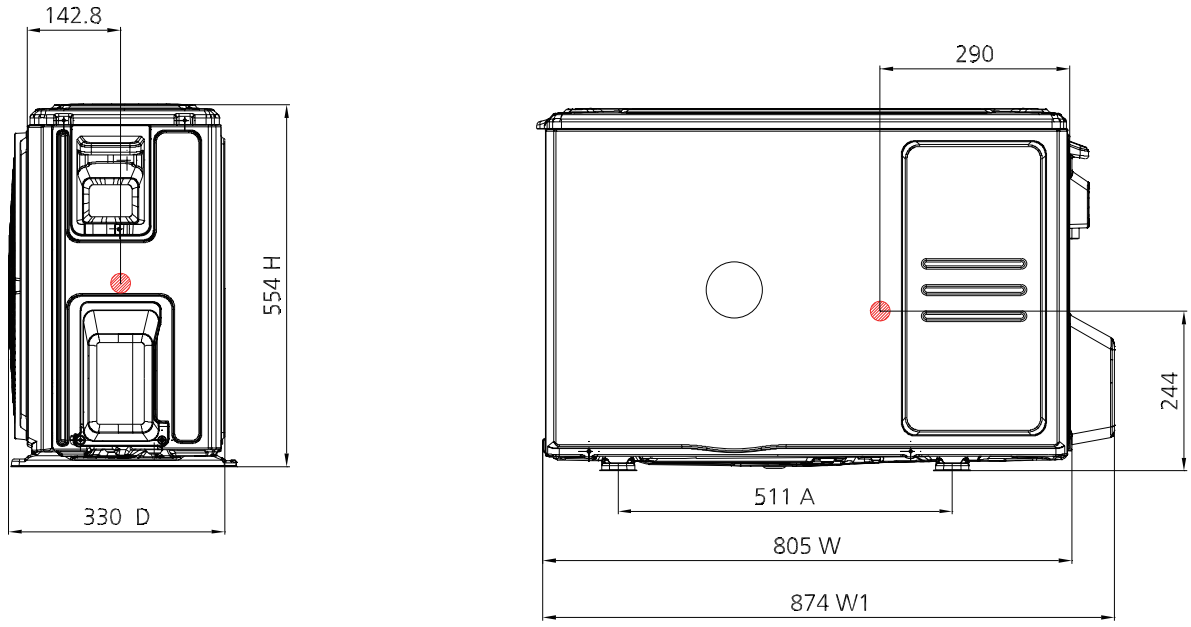
CAC12CA(O)-V
CAC12CD(O)-V



MOX230/MOX230



MOX330

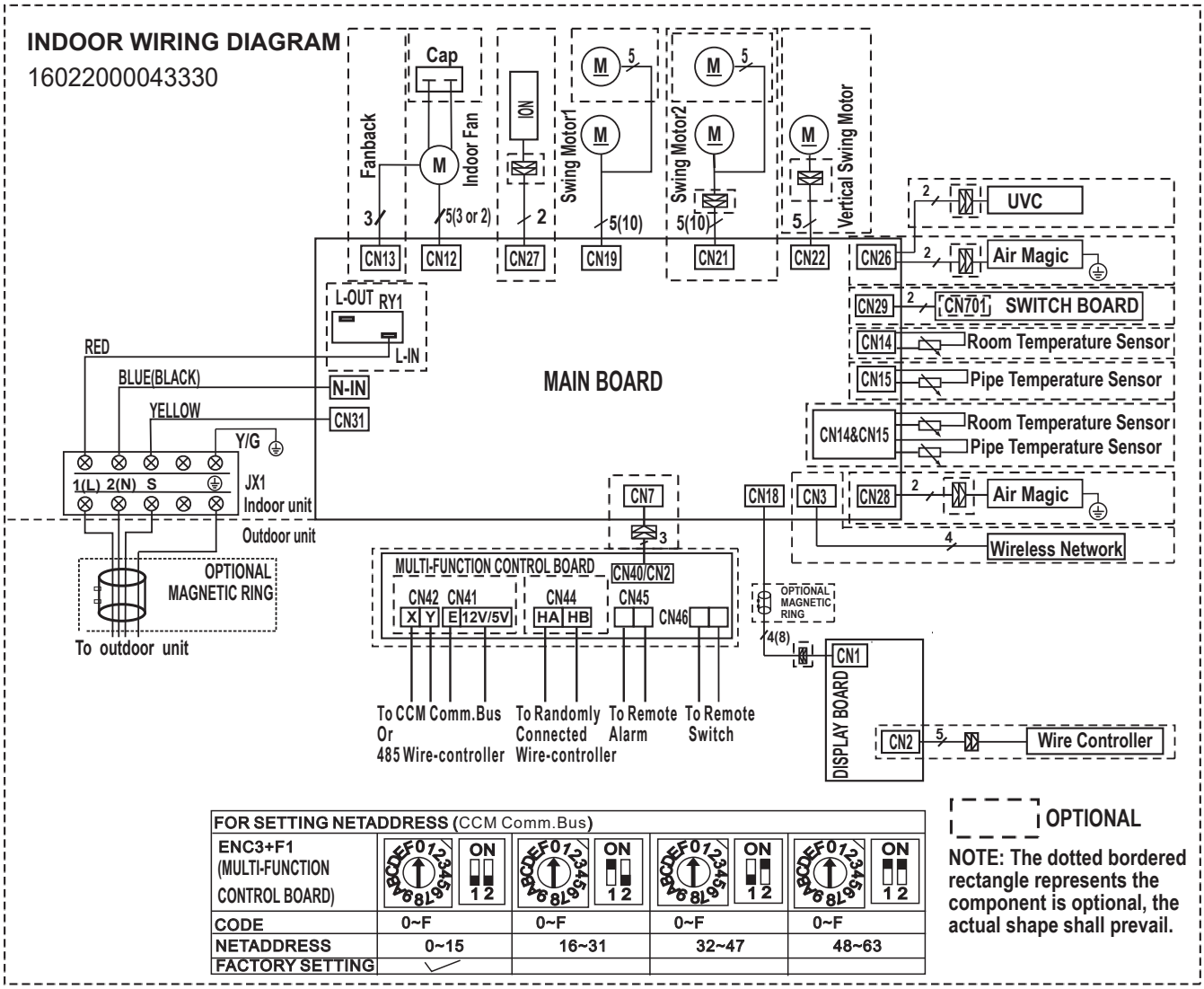


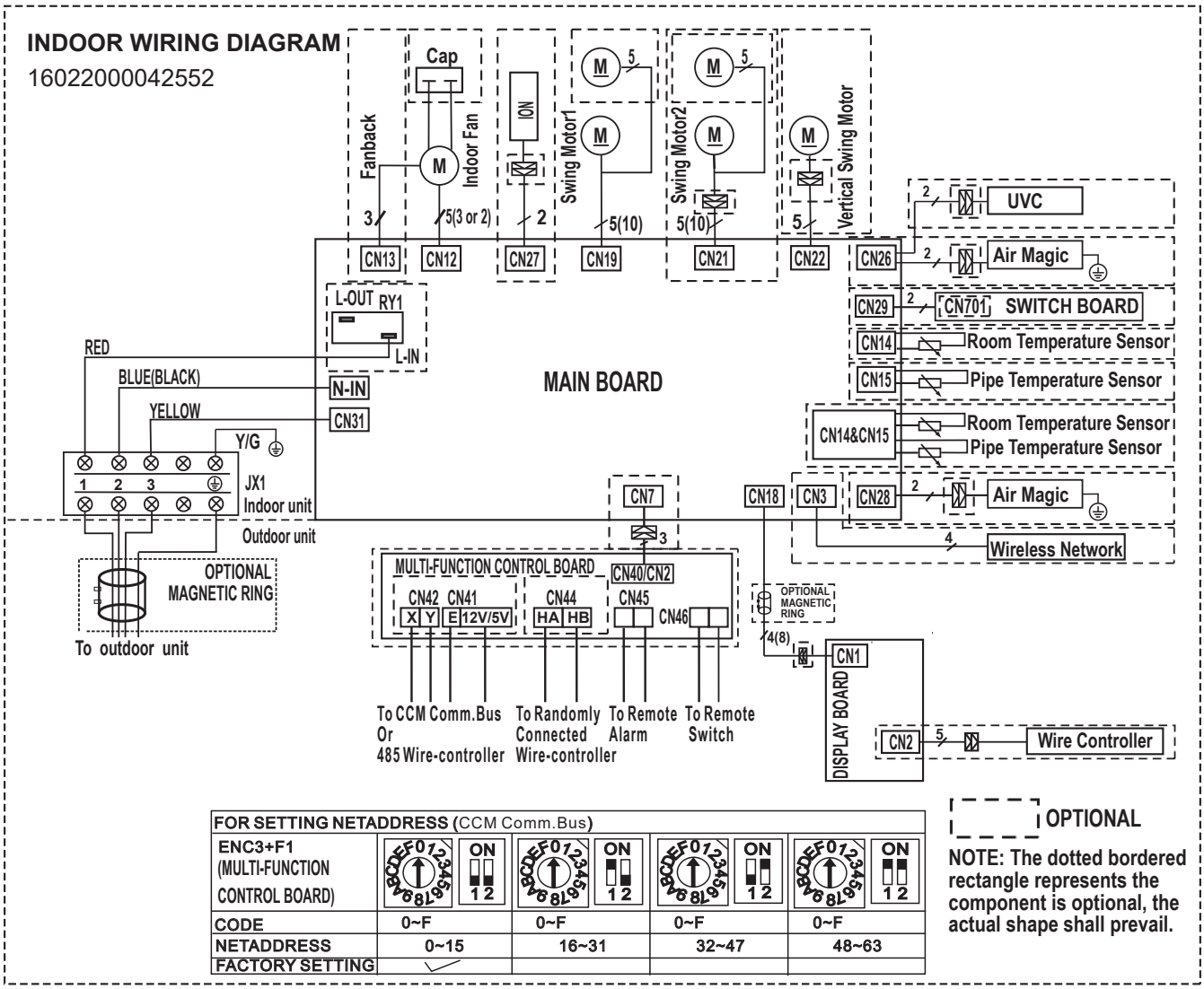
4. Electrical Wiring Diagrams

4.1 Indoor unit

Abbreviation	Paraphrase
Y/G	Yellow-Green Conductor
ION	Positive and Negative Ion Generator
CAP	Capacitor
PLASMA	Electronic Dust Collector
L	LIVE
N	NEUTRAL

CAC12CA(I)-V, CAC12CD(I)-V



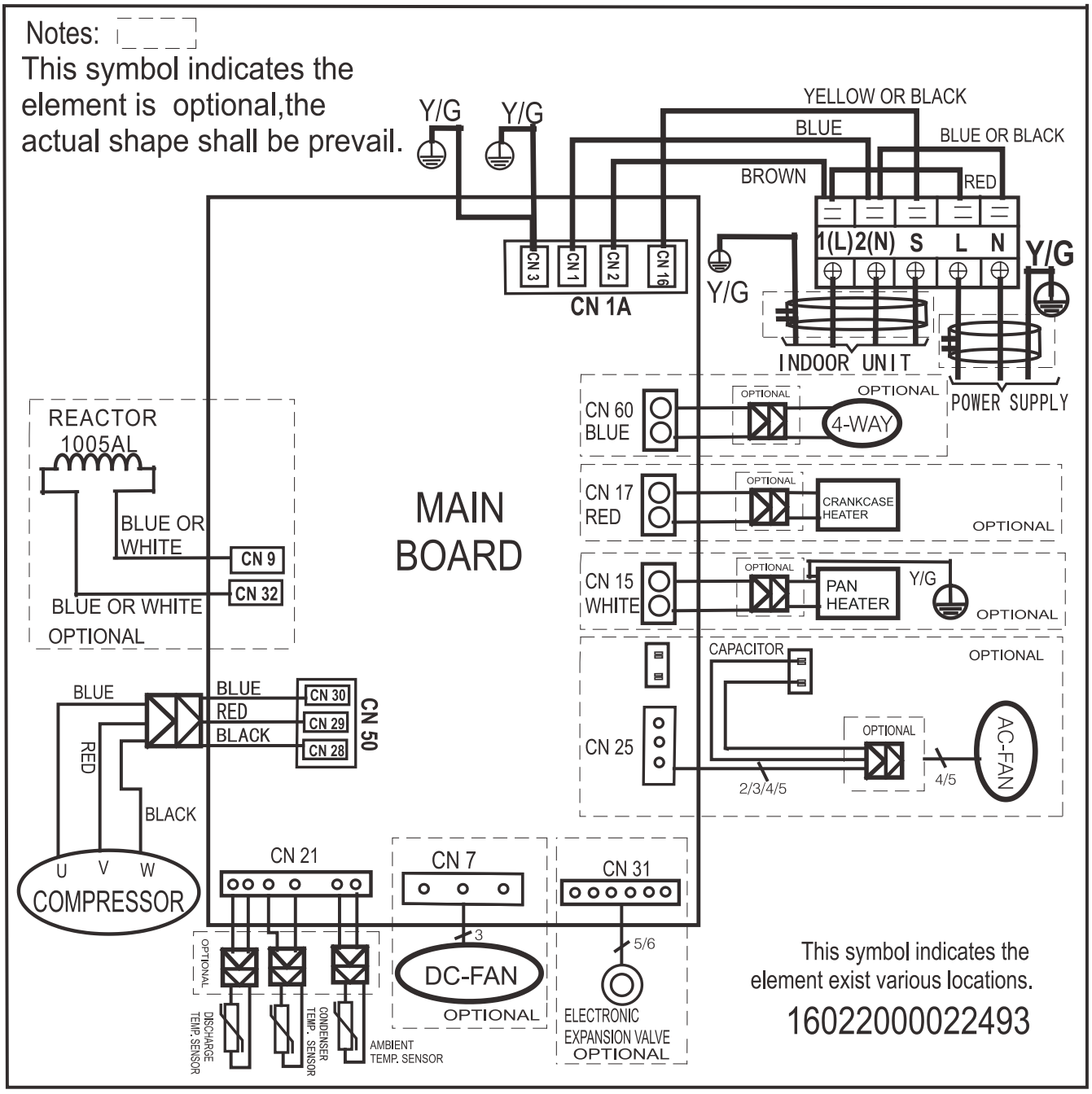


FOR SETTING NETADDRESS (CCM Comm.Bus)				
ENC3+F1 (MULTI-FUNCTION CONTROL BOARD)	ON 1 2	ON 1 2	ON 1 2	ON 1 2
CODE	0~F	0~F	0~F	0~F
NETADDRESS	0~15	16~31	32~47	48~63
FACTORY SETTING	✓			

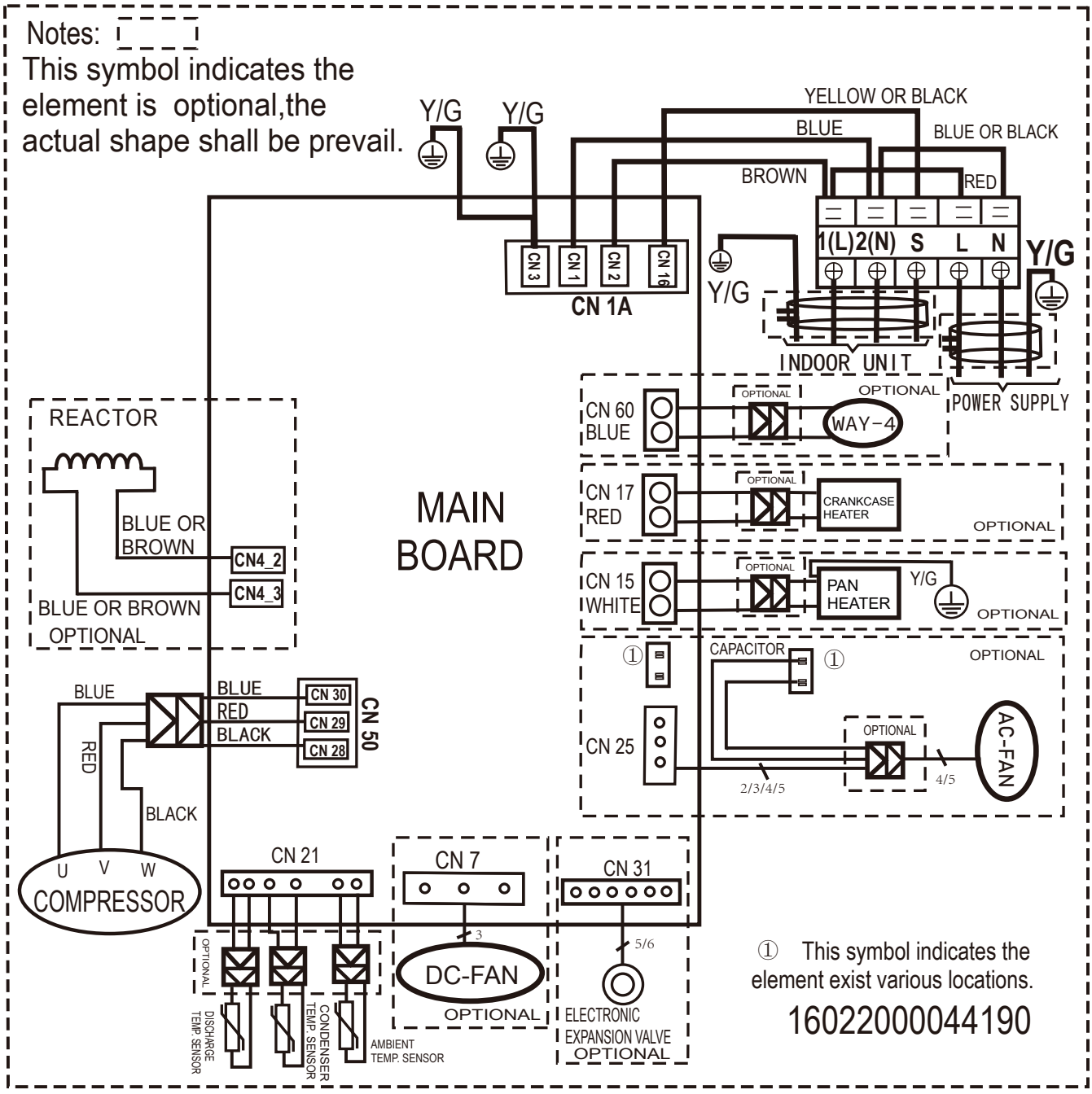
4.2 Outdoor Unit

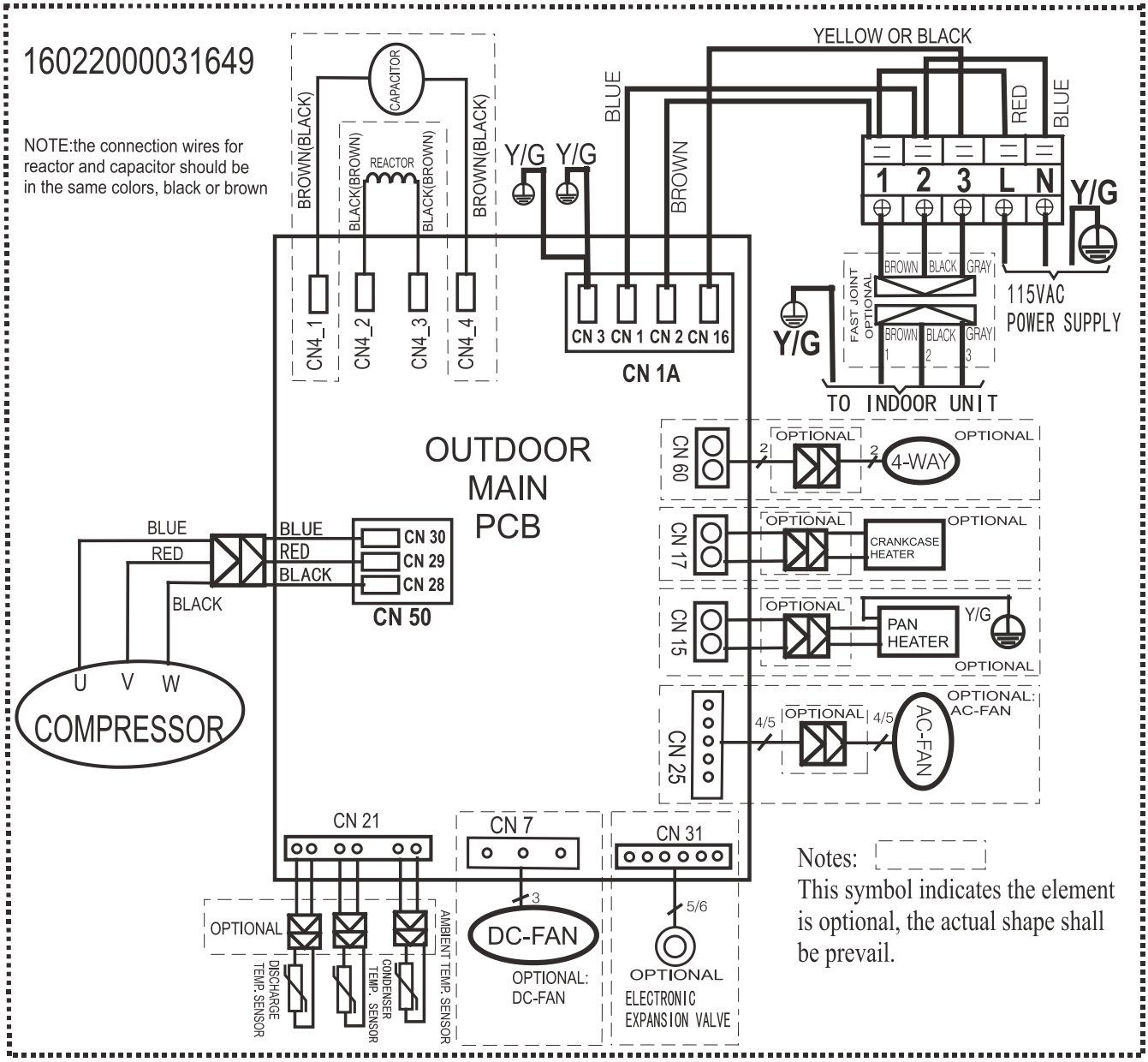
Abbreviation	Paraphrase
4-WAY	Gas Valve Assembly/4-WAY VALVE
AC-FAN	Alternating Current FAN
DC-FAN	Direct Current FAN
COMP	Compressor

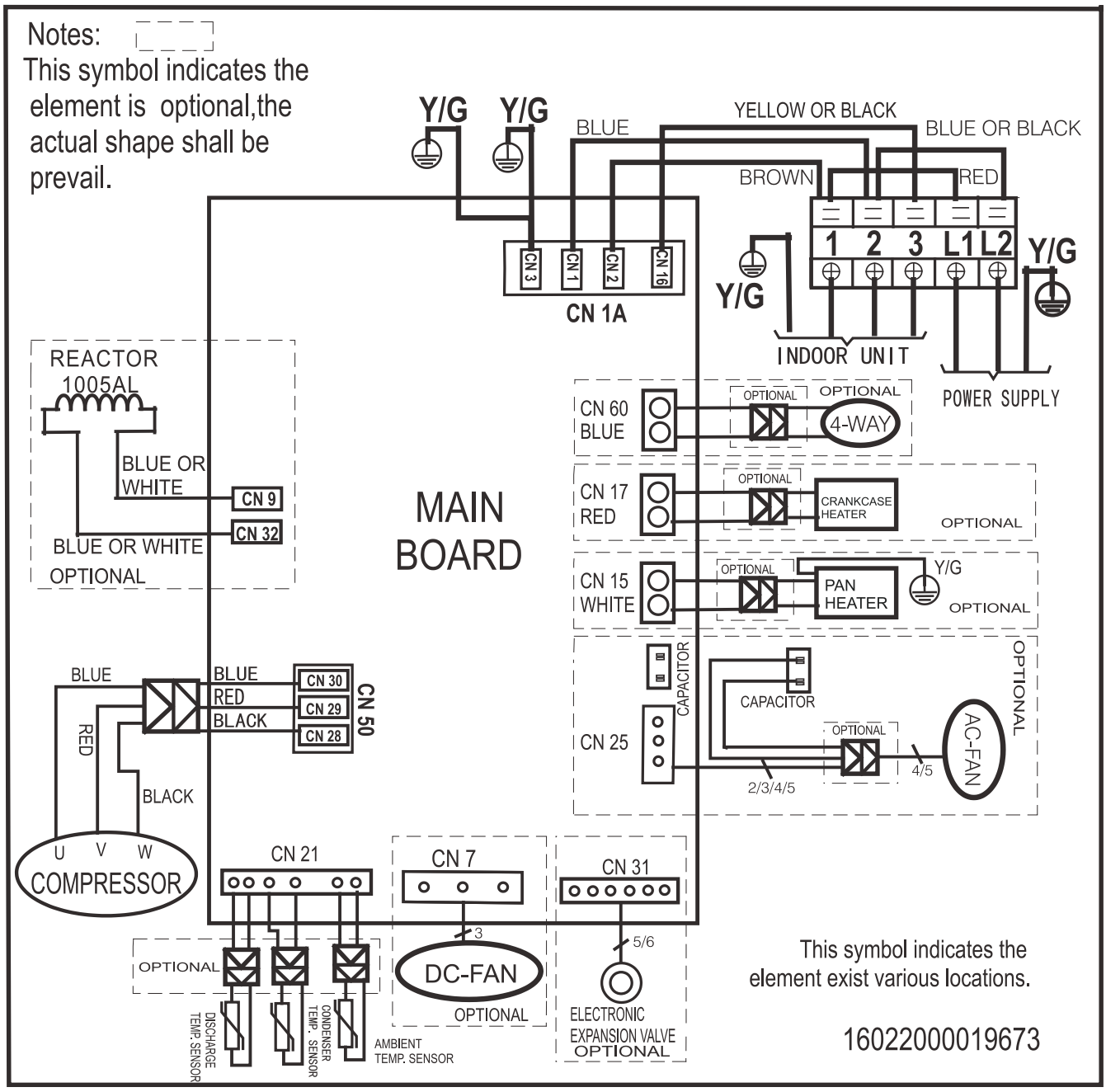
CAC12CD(O)-V



CAC12CA(O)-V


Notes:
This symbol indicates the element is optional,the actual shape shall be prevail.
Y/G
Y/G
YELLOW OR BLACK
BLUE
BLUE OR BLACK
BROWN
RED
CN 3
CN 1
CN 2
CN 16
CN 1A
1(L)2(N) S L N
Y/G
Y/G
INDOOR UNIT
POWER SUPPLY
REACTOR
BLUE OR BROWN
CN4_2
CN4_3
BLUE OR BROWN
OPTIONAL
MAIN BOARD
CN 60
BLUE
OPTIONAL
OPTIONAL
WAY-4
CN 17
RED
OPTIONAL
CRANKCASE HEATER
OPTIONAL
CN 15
WHITE
OPTIONAL
PAN HEATER
Y/G
OPTIONAL
①
CAPACITOR
①
OPTIONAL
CN 25
OPTIONAL
AC-FAN
2/3/4/5
4/5
BLUE
RED
BLACK
U V W
COMPRESSOR
BLUE
RED
BLACK
CN 30
CN 29
CN 28
CN 50
CN 21
CN 7
CN 31
3
5/6
DC-FAN
OPTIONAL
ELECTRONIC EXPANSION VALVE
OPTIONAL
OPTIONAL
DISCHARGE TEMP. SENSOR
CONDENSER TEMP. SENSOR
AMBIENT TEMP. SENSOR
① This symbol indicates the element exist various locations.
16022000044190

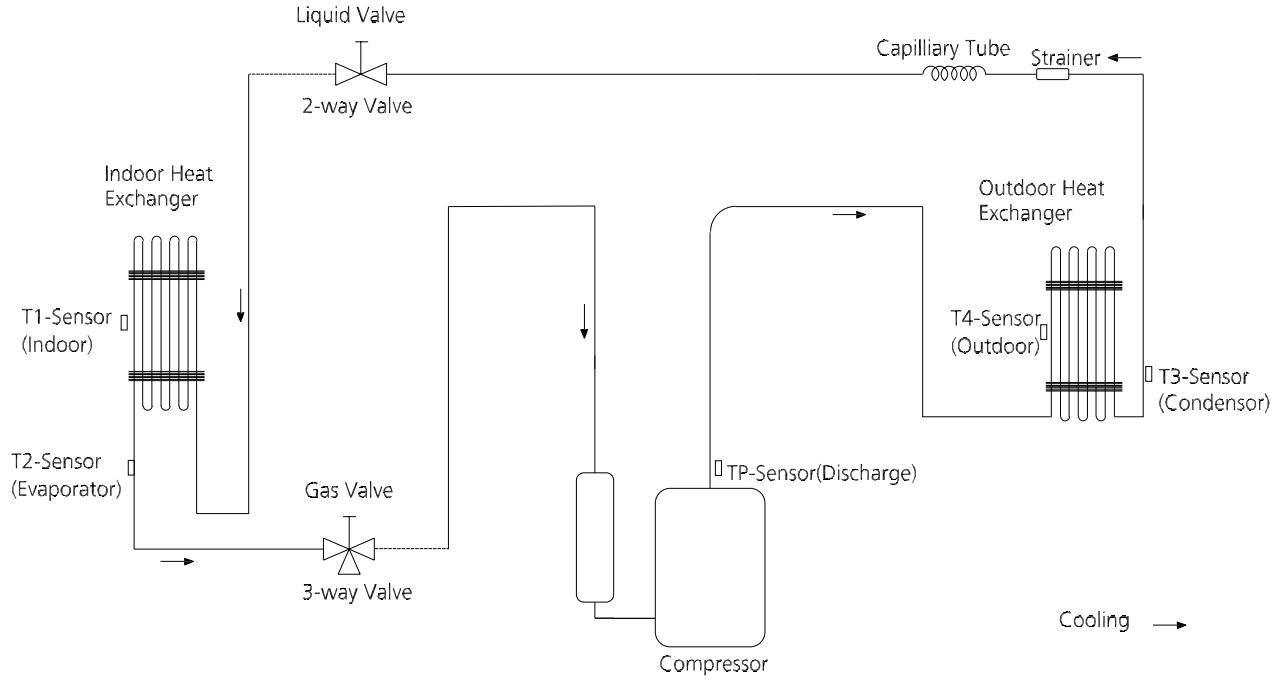

16022000031649
NOTE:the connection wires for reactor and capacitor should be in the same colors, black or brown
CAPACITOR
REACTOR
BROWN(BLACK)
BLACK(BROWN)
BLACK(BROWN)
BROWN(BLACK)
CN4_1
CN4_2
CN4_3
CN4_4
Y/G Y/G
BLUE
BROWN
CN 3 CN 1 CN 2 CN 16
CN 1A
YELLOW OR BLACK
RED
BLUE
1 2 3 L N
Y/G
BROWN BLACK GRAY
FAST JOINT OPTIONAL
115VAC POWER SUPPLY
Y/G
TO INDOOR UNIT
OUTDOOR MAIN PCB
BLUE
RED
BLACK
BLUE
RED
BLACK
CN 30
CN 29
CN 28
CN 50
U V W
COMPRESSOR
CN 60
OPTIONAL
2
2
4-WAY
OPTIONAL
CN 17
OPTIONAL
CRANKCASE HEATER
OPTIONAL
CN 15
OPTIONAL
PAN HEATER
Y/G
OPTIONAL
CN 25
OPTIONAL
4/5
4/5
AC-FAN
OPTIONAL: AC-FAN
CN 21
CN 7
CN 31
OPTIONAL
DISCHARGE TEMP. SENSOR
CONDENSER TEMP. SENSOR
AMBIENT TEMP. SENSOR
3
DC-FAN
OPTIONAL: DC-FAN
5/6
OPTIONAL
ELECTRONIC EXPANSION VALVE
Notes:
This symbol indicates the element is optional, the actual shape shall be prevail.


Notes:
This symbol indicates the element is optional,the actual shape shall be prevail.
Y/G
Y/G
BLUE
YELLOW OR BLACK
BLUE OR BLACK
BROWN
RED
1 2 3 L1 L2
Y/G
CN 3
CN 1
CN 2
CN 16
CN 1A
Y/G
INDOOR UNIT
POWER SUPPLY
REACTOR
1005AL
BLUE OR WHITE
CN 9
CN 32
BLUE OR WHITE
OPTIONAL
MAIN BOARD
CN 60
BLUE
OPTIONAL
OPTIONAL
4-WAY
CN 17
RED
OPTIONAL
CRANKCASE HEATER
OPTIONAL
CN 15
WHITE
OPTIONAL
PAN HEATER
Y/G
OPTIONAL
CAPACITOR
CAPACITOR
CN 25
OPTIONAL
AC-FAN
4/5
2/3/4/5
OPTIONAL
BLUE
BLUE
RED
BLACK
CN 30
CN 29
CN 28
CN 50
RED
BLACK
U V W
COMPRESSOR
CN 21
CN 7
CN 31
3
5/6
OPTIONAL
DC-FAN
OPTIONAL
ELECTRONIC EXPANSION VALVE
OPTIONAL
DISCHARGE TEMP. SENSOR
CONDENSER TEMP. SENSOR
AMBIENT TEMP. SENSOR
This symbol indicates the element exist various locations.
16022000019673

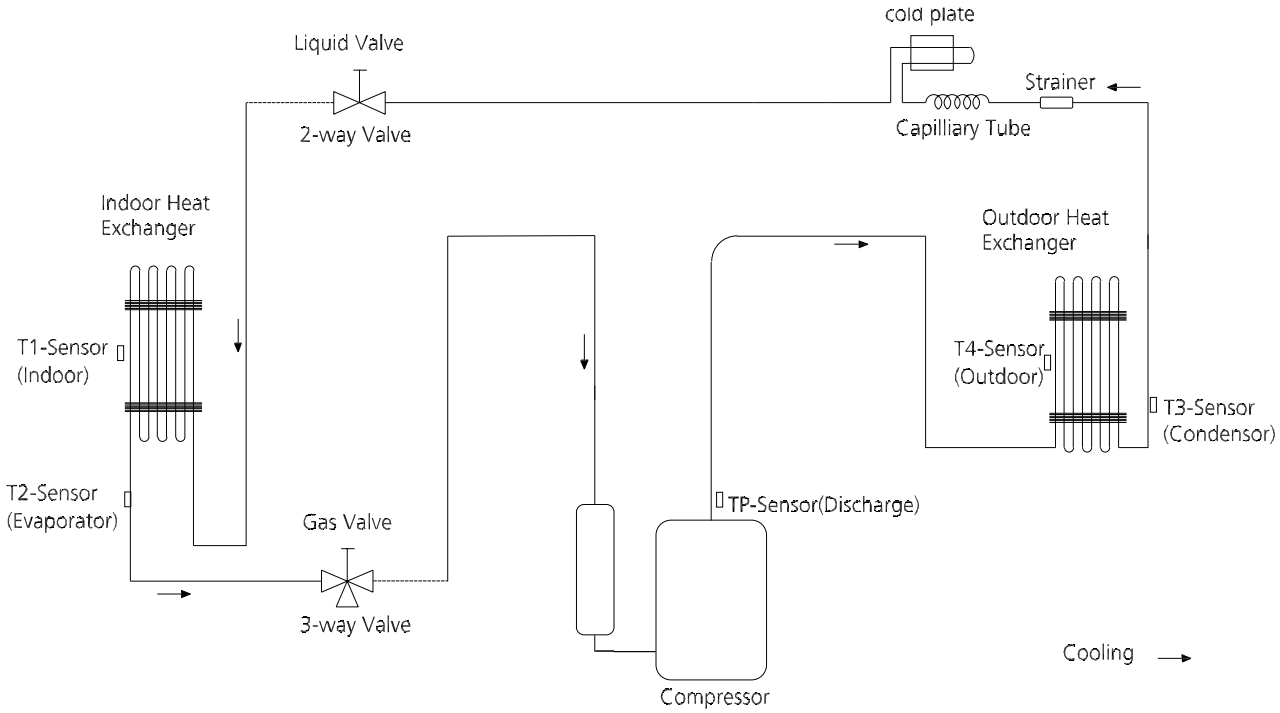
5. Refrigerant Cycle Diagrams

Cooling only

9k~12k

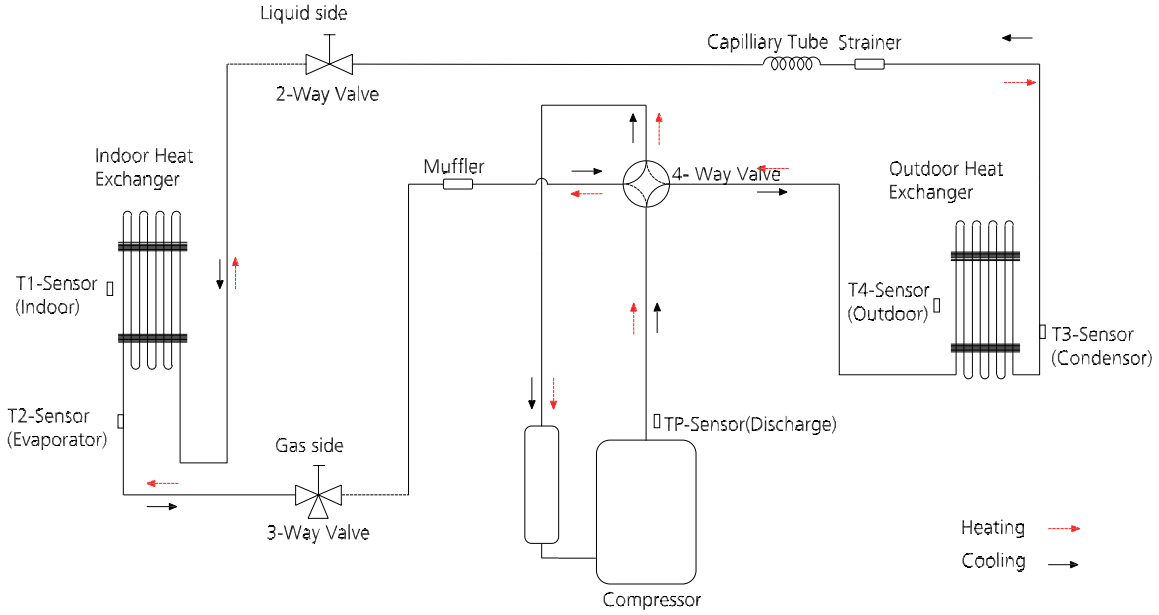


17k/22k

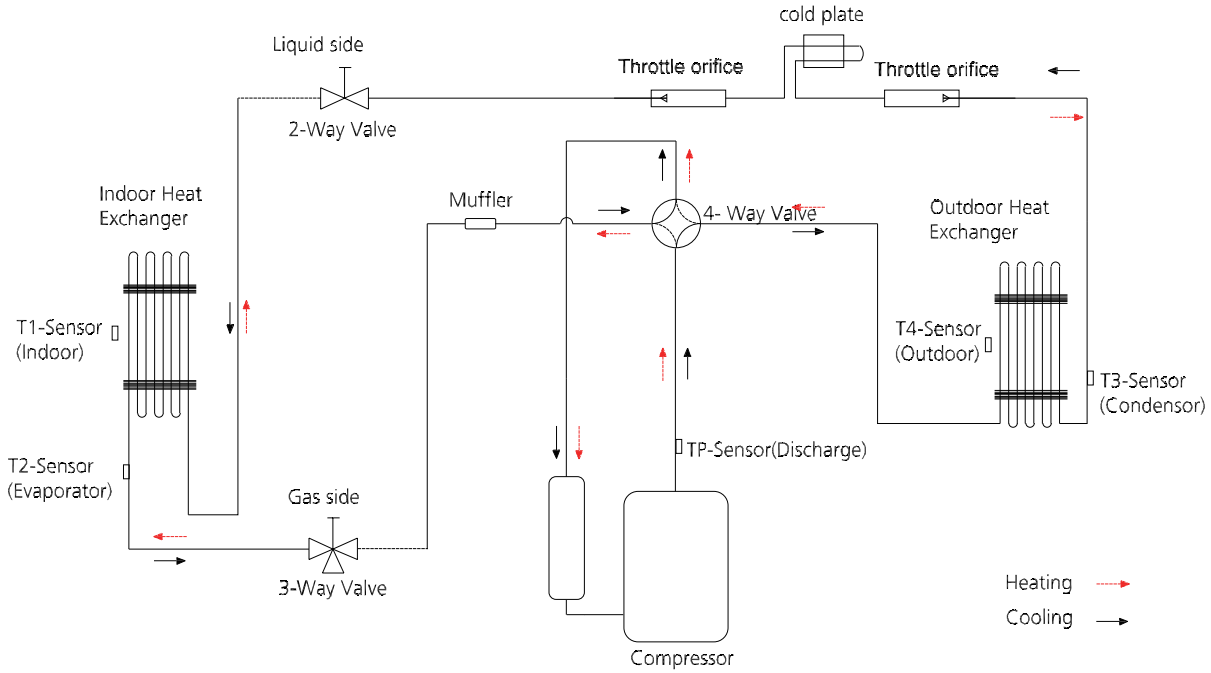


Heat pump

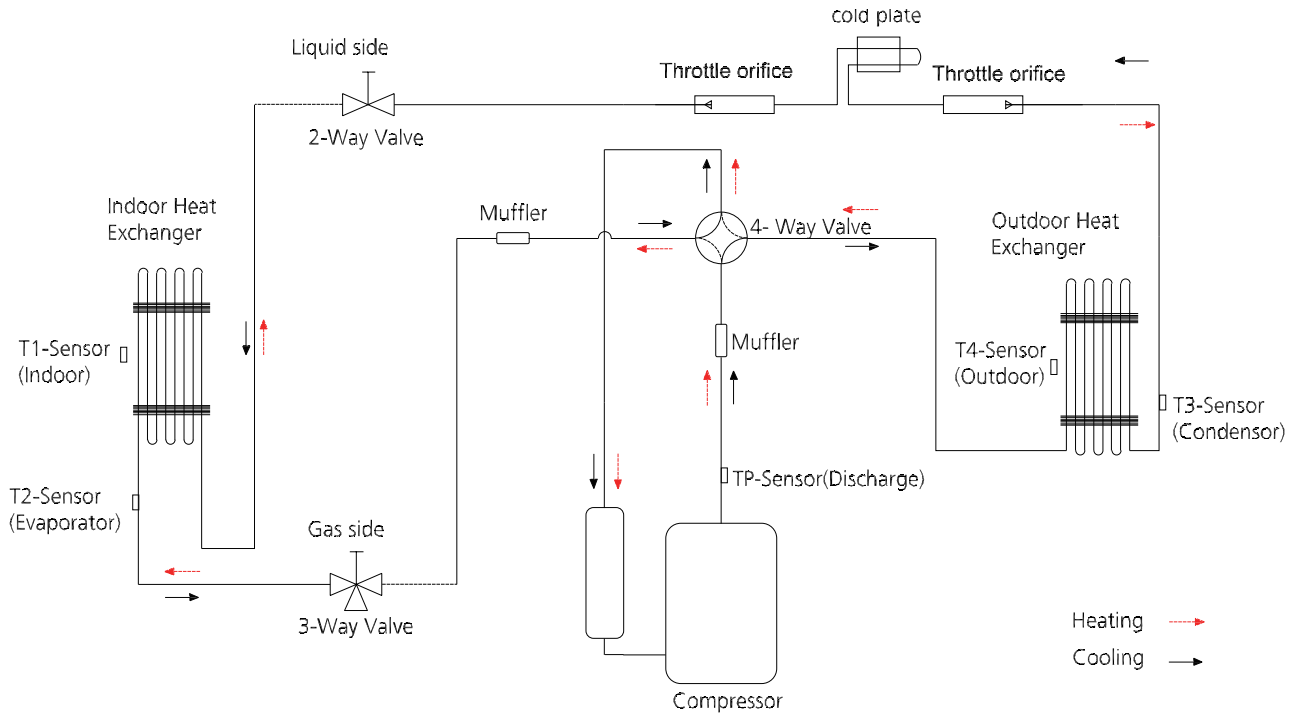
9k~12k



17k

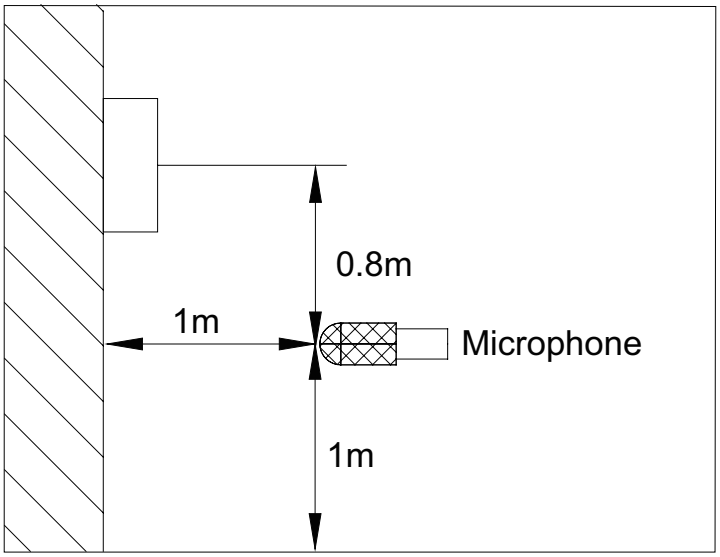


22k


cold plate
Liquid side
Throttle orifice
Throttle orifice
2-Way Valve
Indoor Heat
Exchanger
Muffler
4- Way Valve
Outdoor Heat
Exchanger
T1-Sensor
(Indoor)
Muffler
T4-Sensor
(Outdoor)
T3-Sensor
(Condensor)
TP-Sensor(Discharge)
T2-Sensor
(Evaporator)
Gas side
3-Way Valve
Compressor
Heating
Cooling

6. Noise Criterion Curves

6.1 Indoor Unit



Notes:

-Sound measured at 1.0m away from the center of the unit.

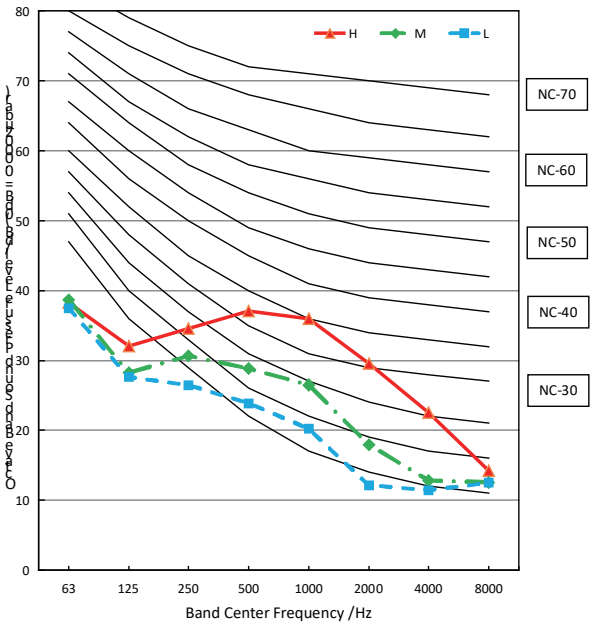
-Data is valid at nominal operation condition

-Reference acoustic pressure OdB = 20μPa

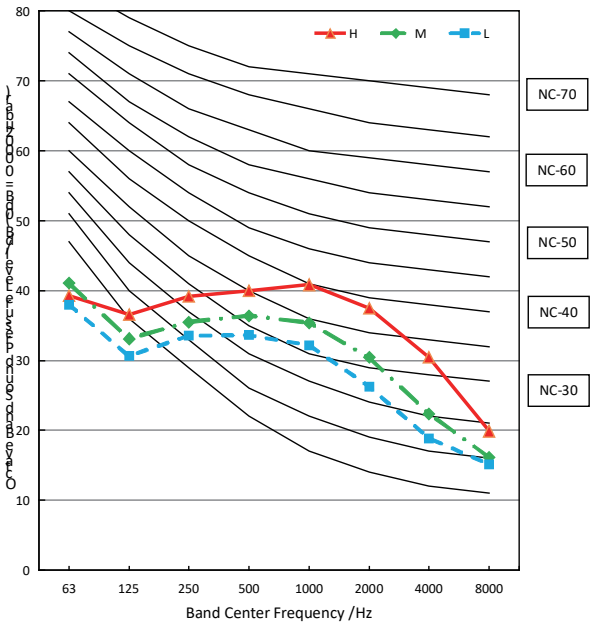
-Sound level will vary depending on a range of factors such as the construction -(acoustic absorption coefficient) of particular room in which the equipment is installed.

-The operating conditions are assumed to be standard.

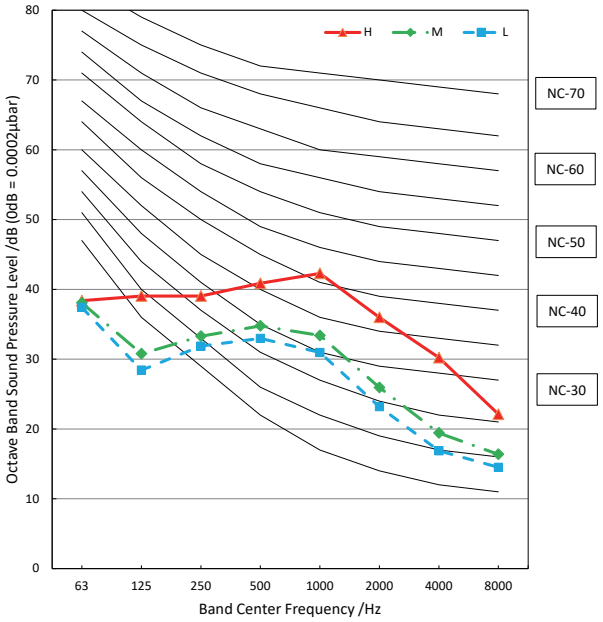
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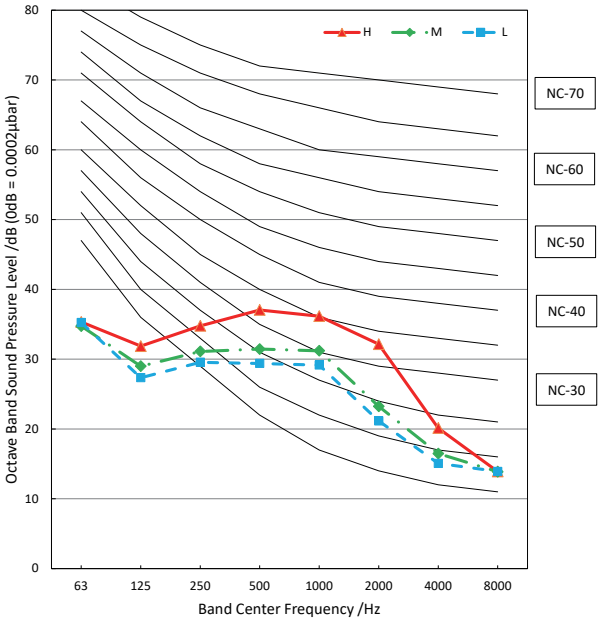
CAC12CD(I)-V



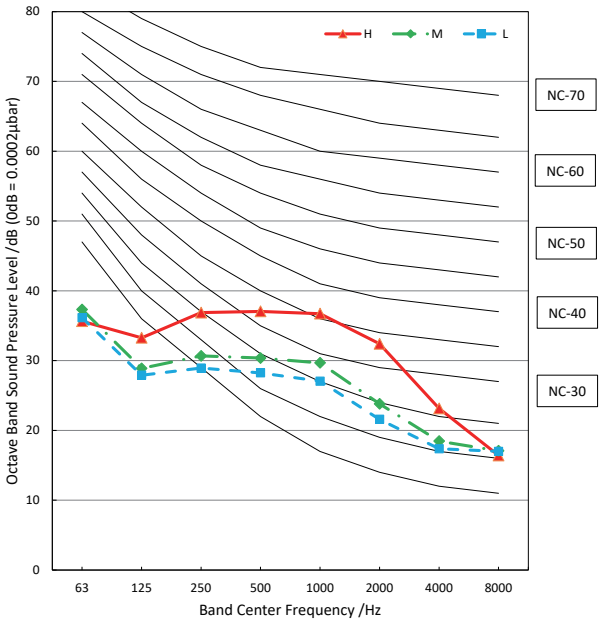
/


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
63
125
250
500
1000
2000
4000
8000
0
10
20
30
40
50
60
70
80

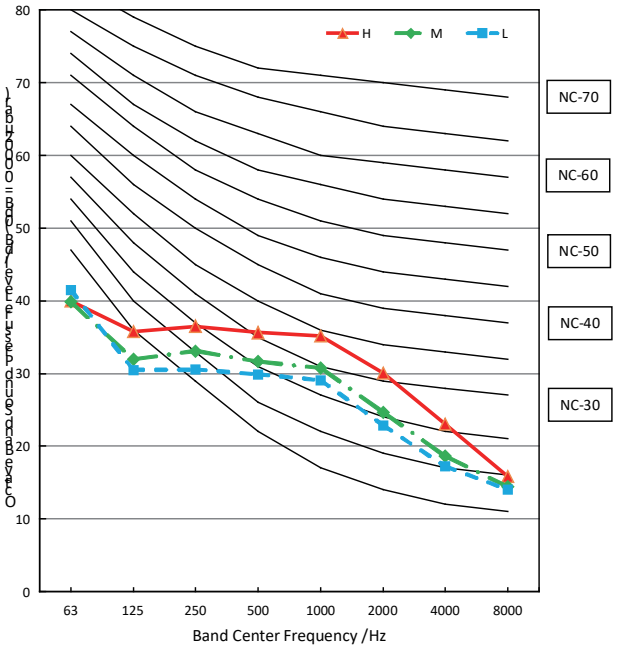
/


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
63
125
250
500
1000
2000
4000
8000
0
10
20
30
40
50
60
70
80

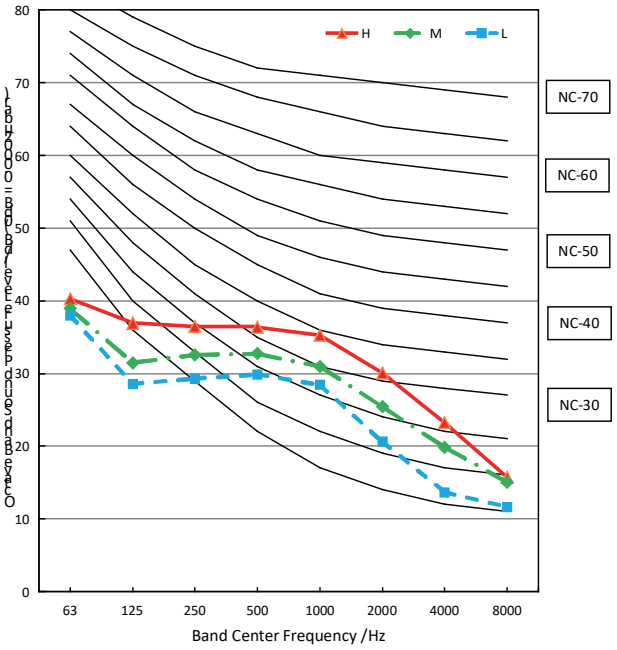
CAC12CA(I)-V


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
63
125
250
500
1000
2000
4000
8000
0
10
20
30
40
50
60
70
80

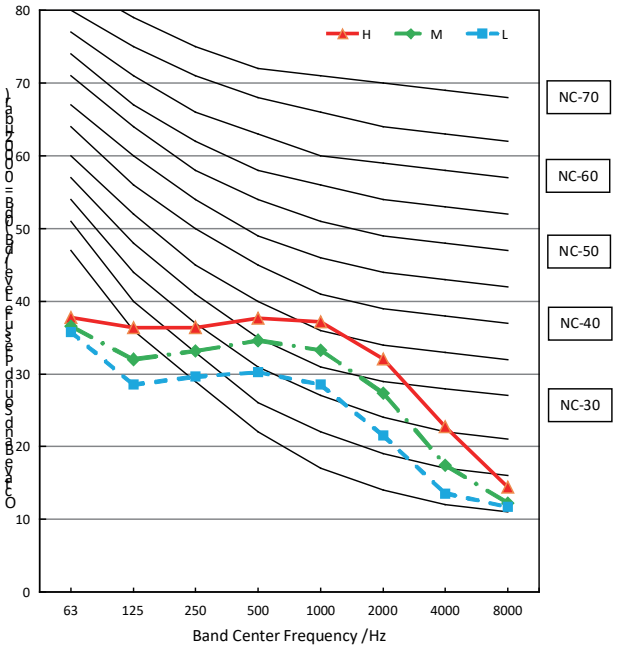
/


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

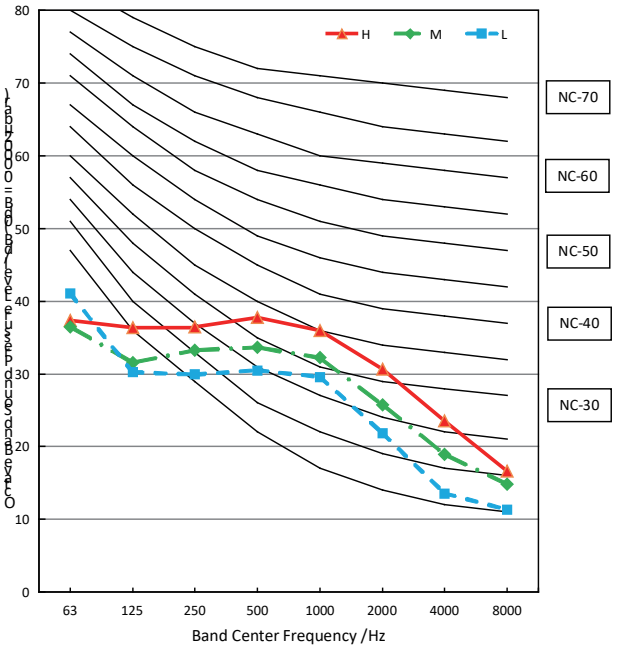
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H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

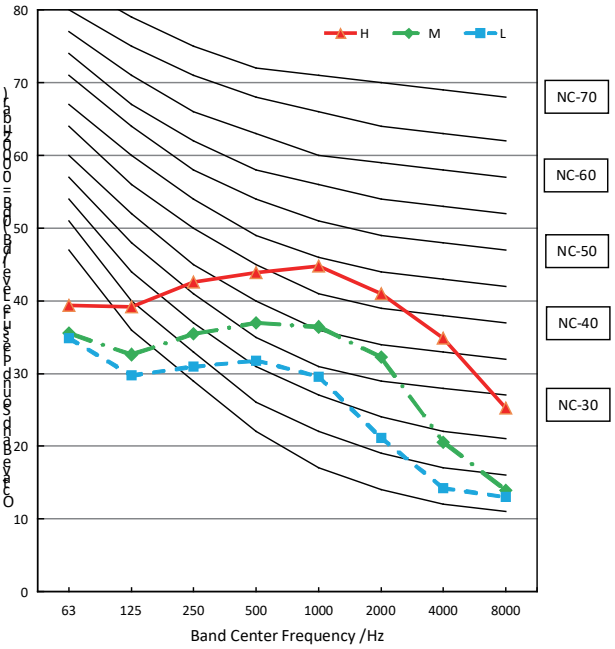
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H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

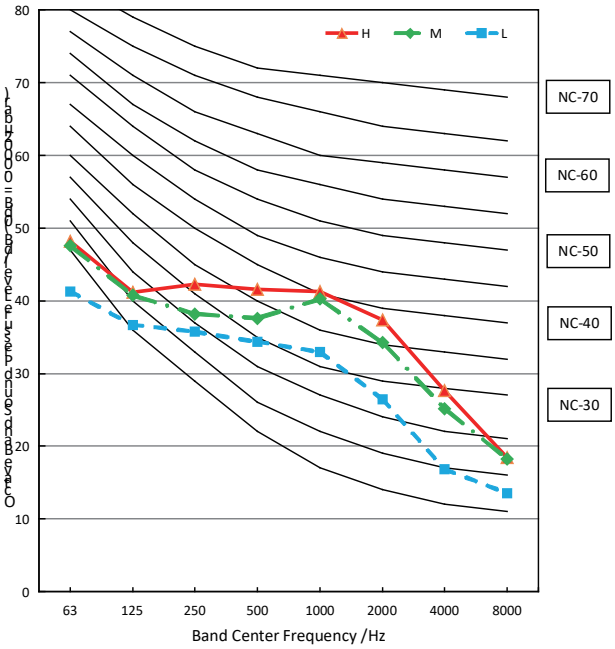
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H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

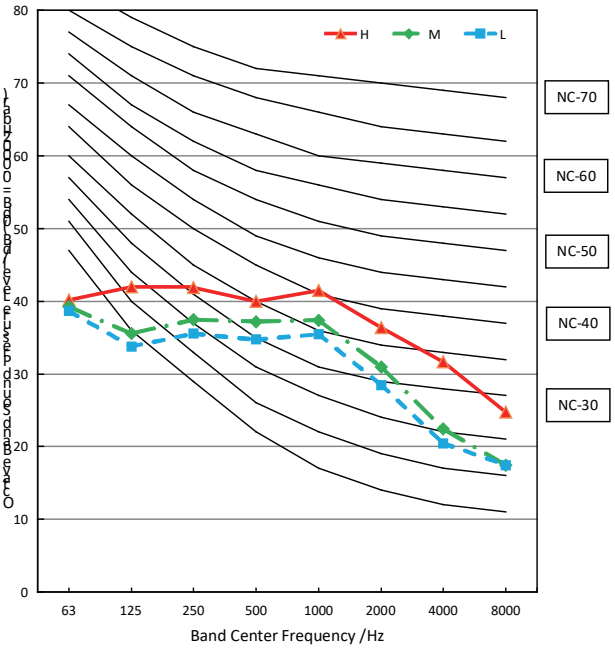
CAC18CD(I)-V



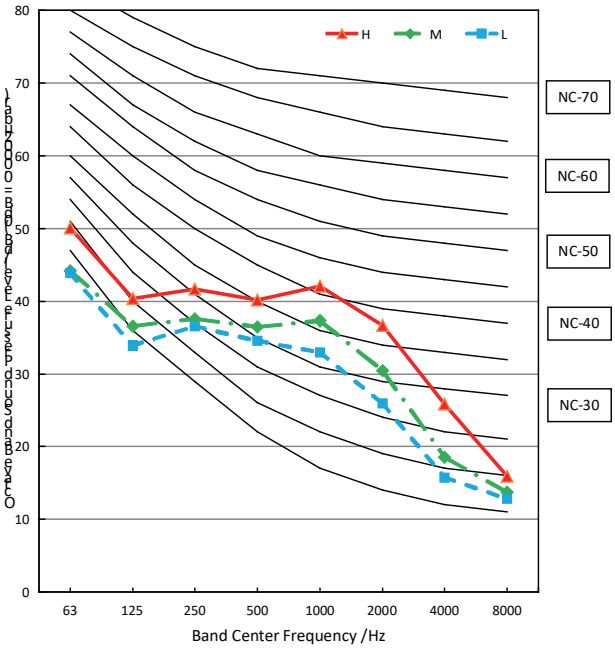
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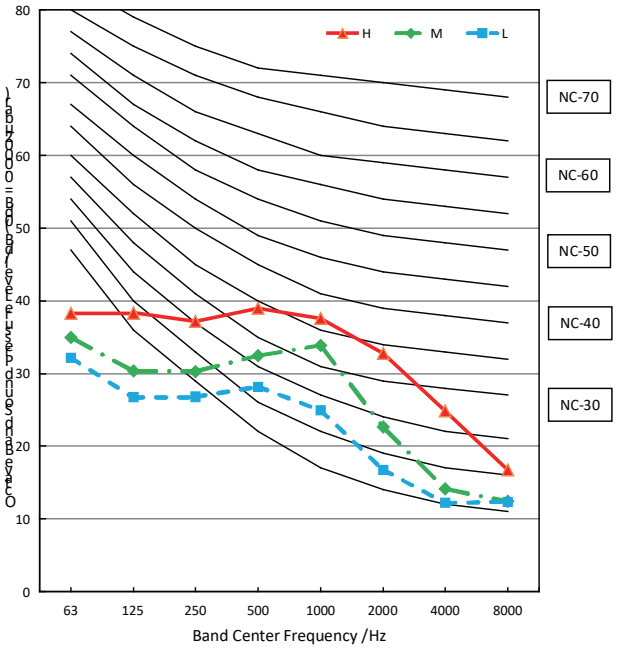
CAC24CD(I)-V



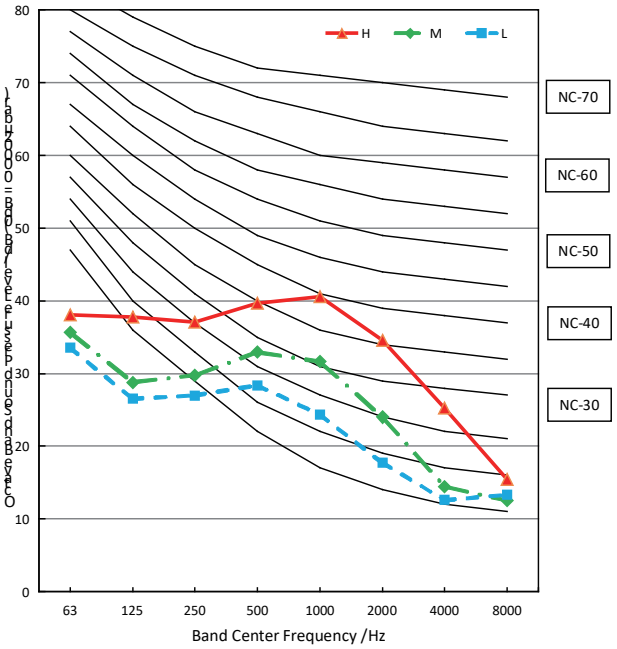
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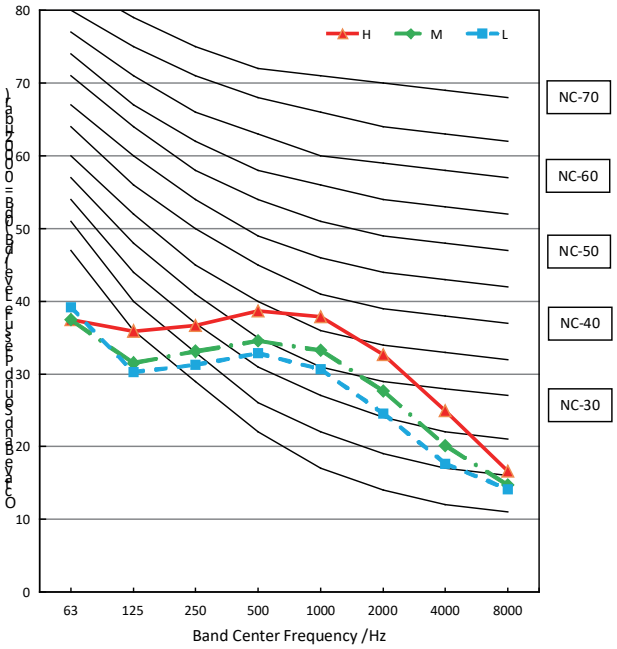
/


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

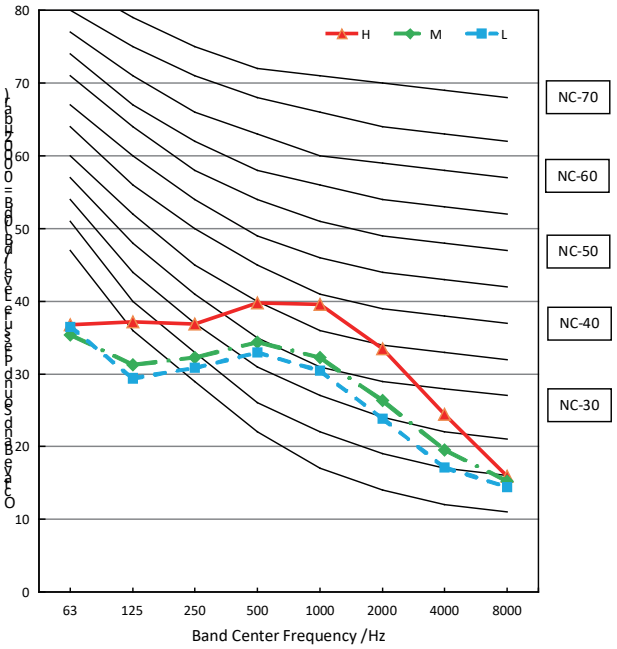
/


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

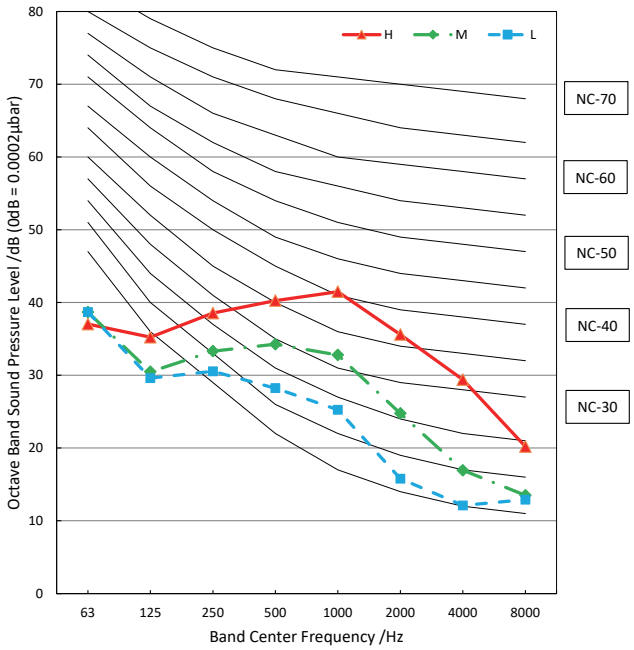
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H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

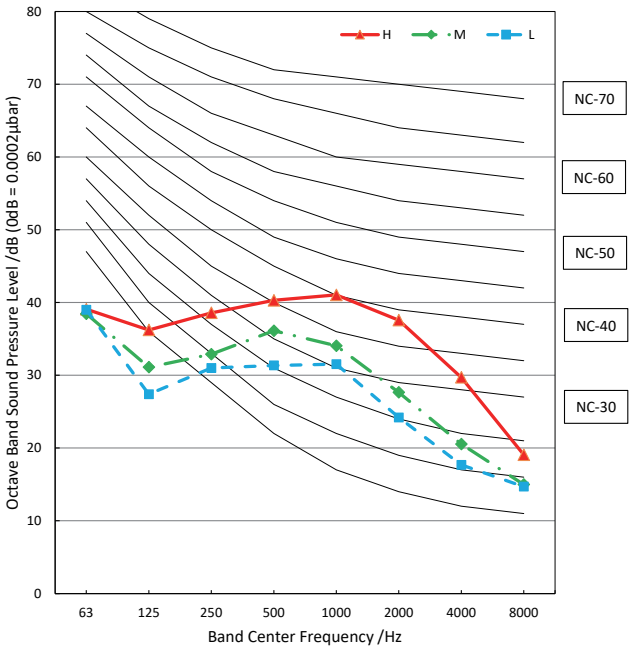
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H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
80
70
60
50
40
30
20
10
0
63
125
250
500
1000
2000
4000
8000
Band Center Frequency /Hz

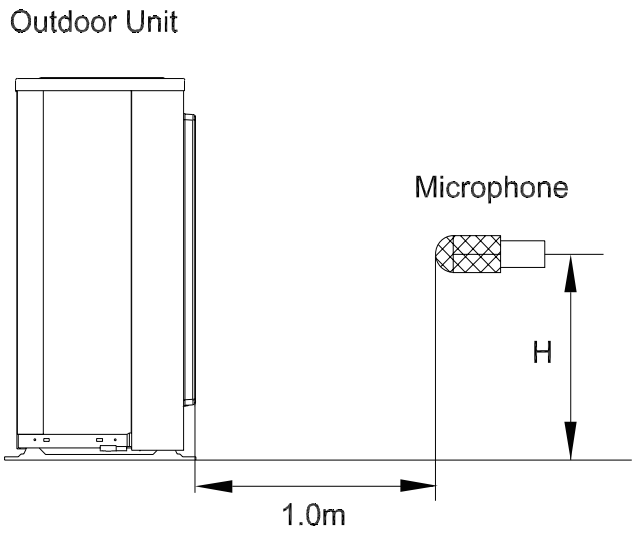
/


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
0
10
20
30
40
50
60
70
80
63
125
250
500
1000
2000
4000
8000

/


H
M
L
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
0
10
20
30
40
50
60
70
80
63
125
250
500
1000
2000
4000
8000

6.2 Outdoor Unit



Note: H= 0.5 × height of outdoor unit

Notes:

-Sound measured at 1.0m away from the center of the unit.

-Data is valid at free field condition

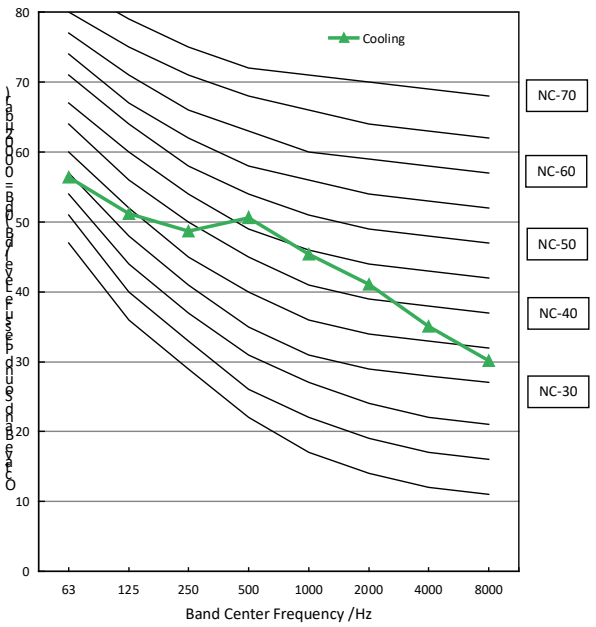
-Data is valid at nominal operation condition

-Reference acoustic pressure OdB=20μPa

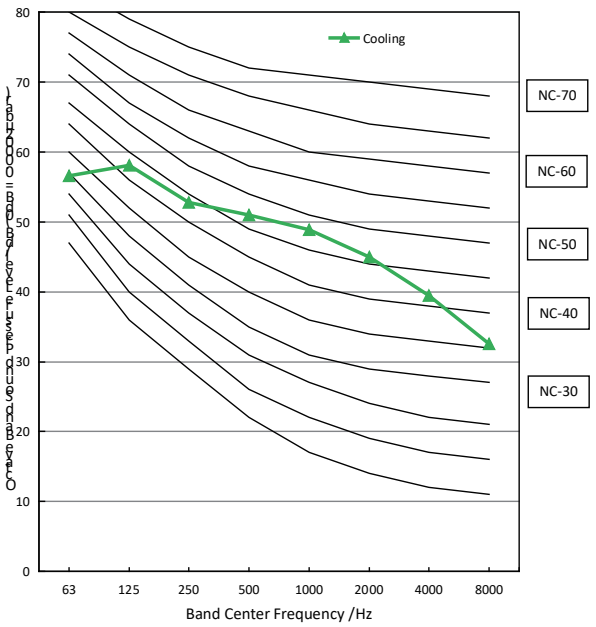
-Sound level will vary depending on arrange off actors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

-The operating conditions are assumed to be standard.

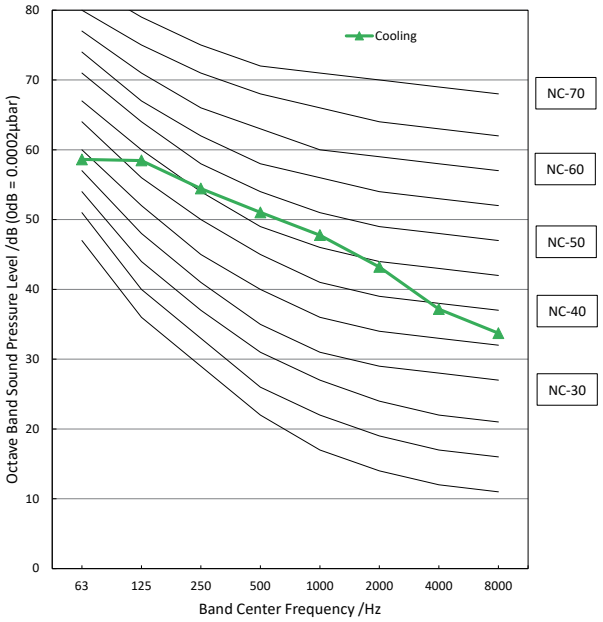
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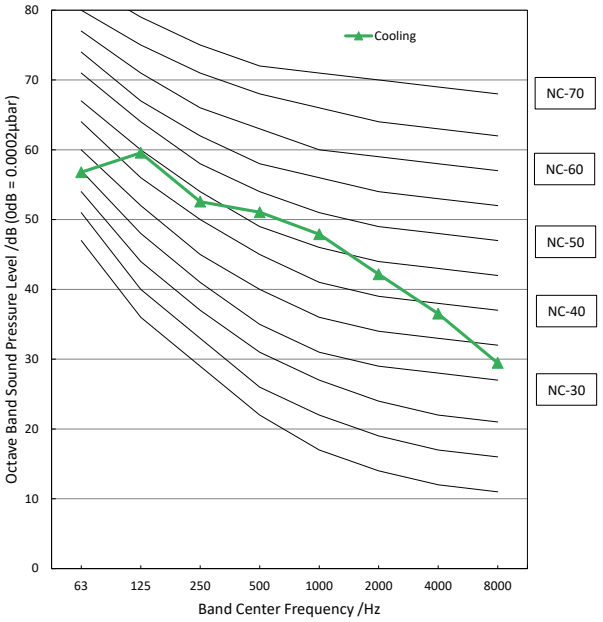
CAC12CD(O)-V



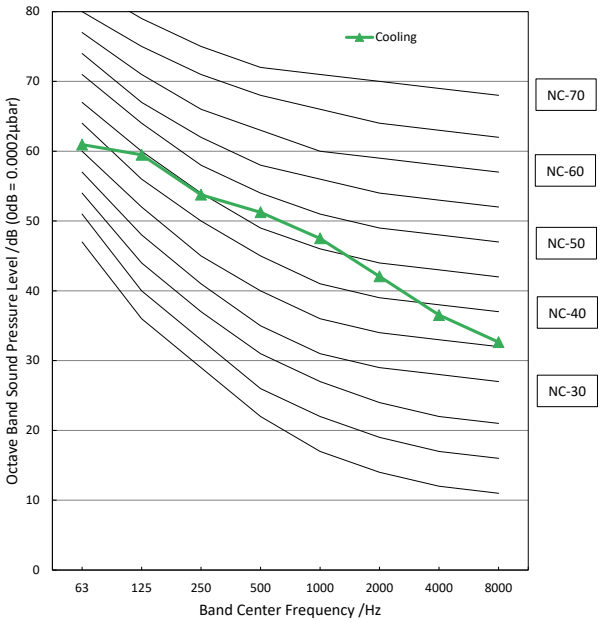
/


Cooling
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
0
10
20
30
40
50
60
70
80
63
125
250
500
1000
2000
4000
8000

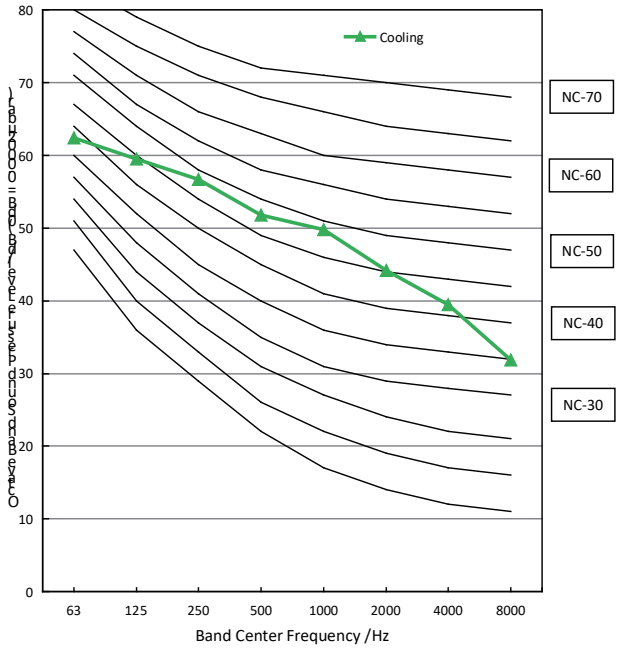
/


Cooling
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
0
10
20
30
40
50
60
70
80
63
125
250
500
1000
2000
4000
8000

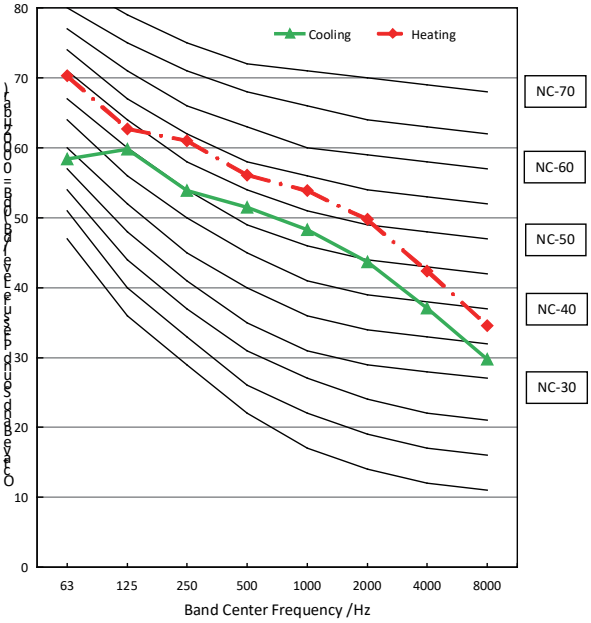
CAC12CA(O)-V


Cooling
NC-70
NC-60
NC-50
NC-40
NC-30
Octave Band Sound Pressure Level /dB (0dB = 0.0002μbar)
Band Center Frequency /Hz
0
10
20
30
40
50
60
70
80
63
125
250
500
1000
2000
4000
8000

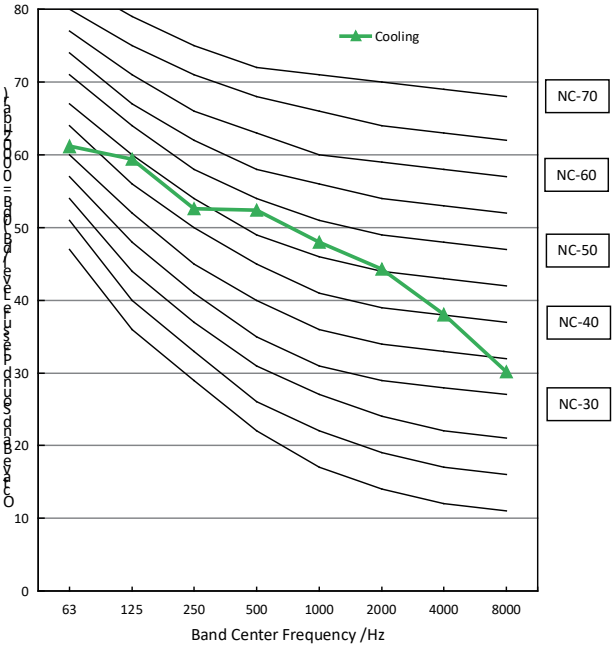
/


Cooling
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

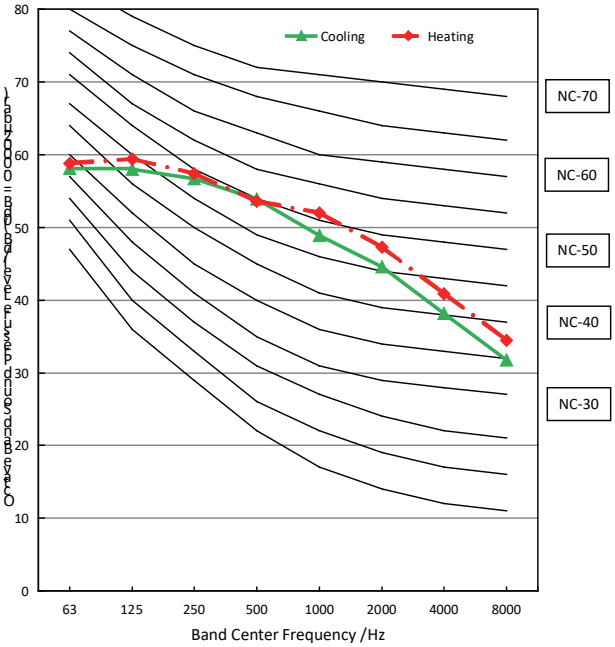
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Cooling
Heating
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

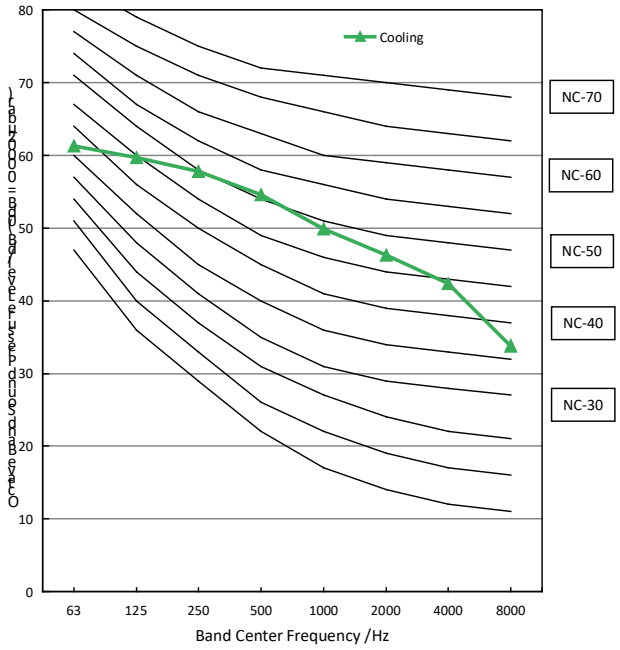
/


Cooling
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

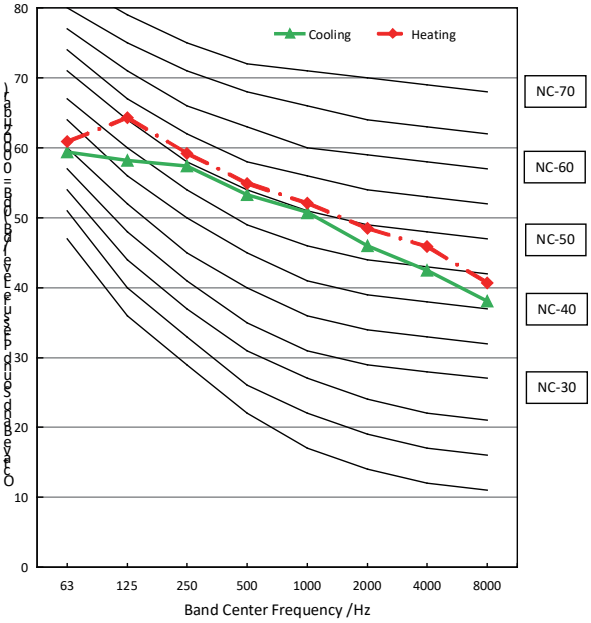
/


Cooling
Heating
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

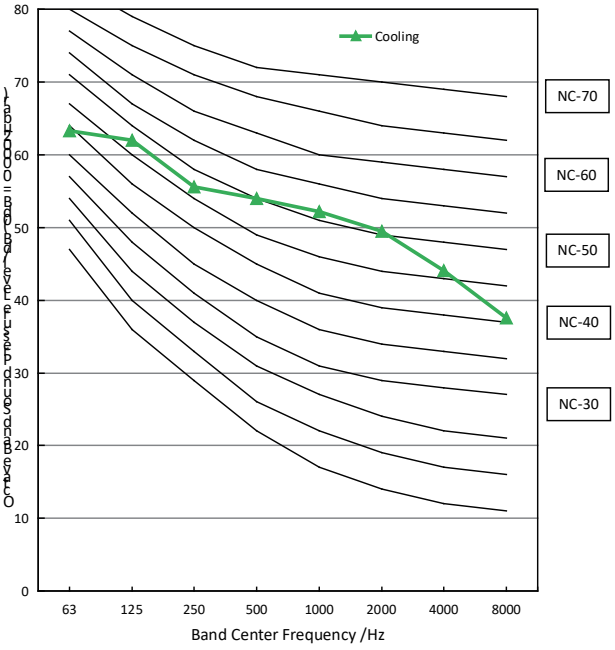
CAC18CD(O)-V



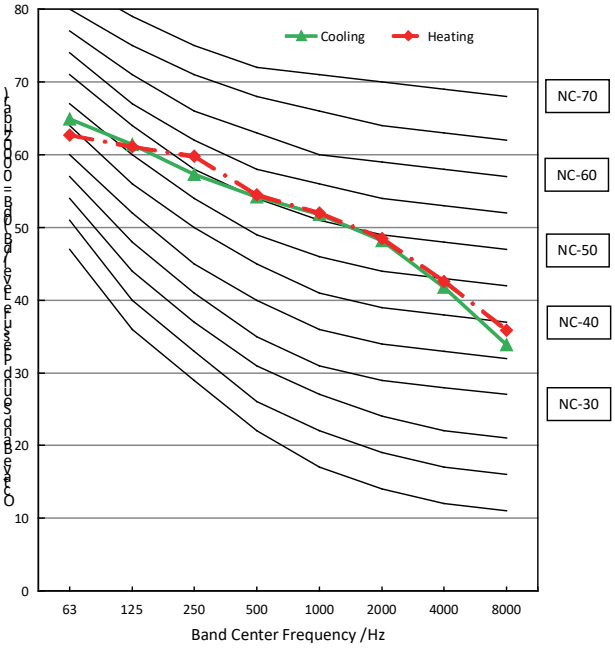
CAC24CD(O)-V



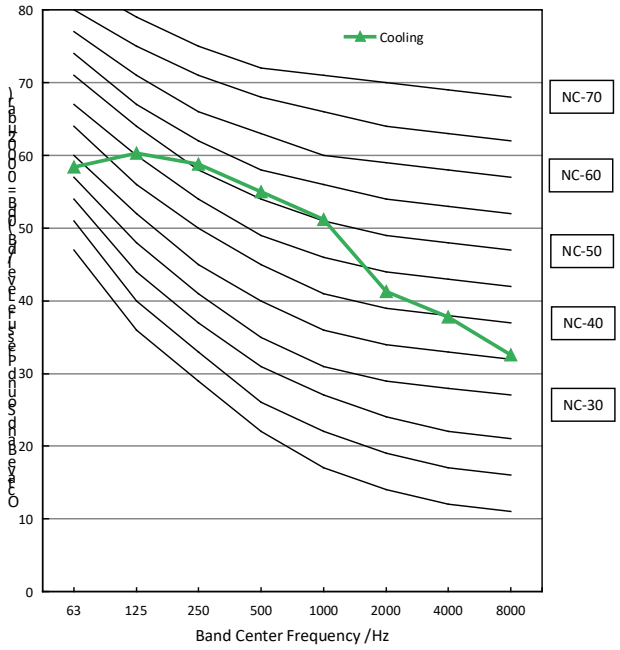
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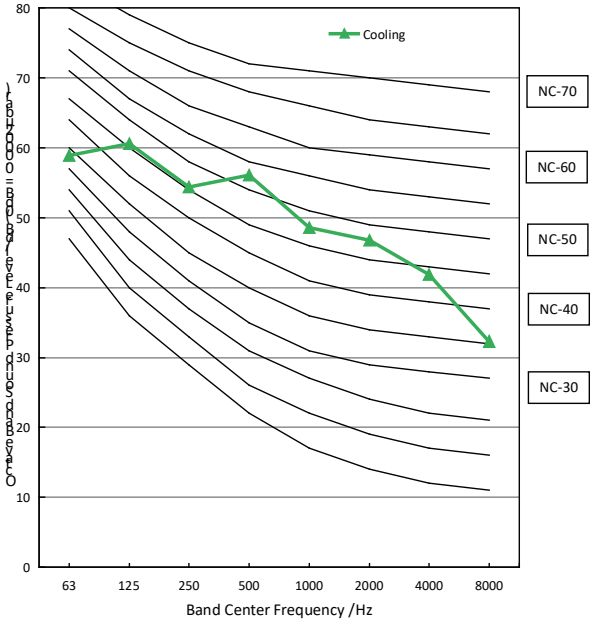
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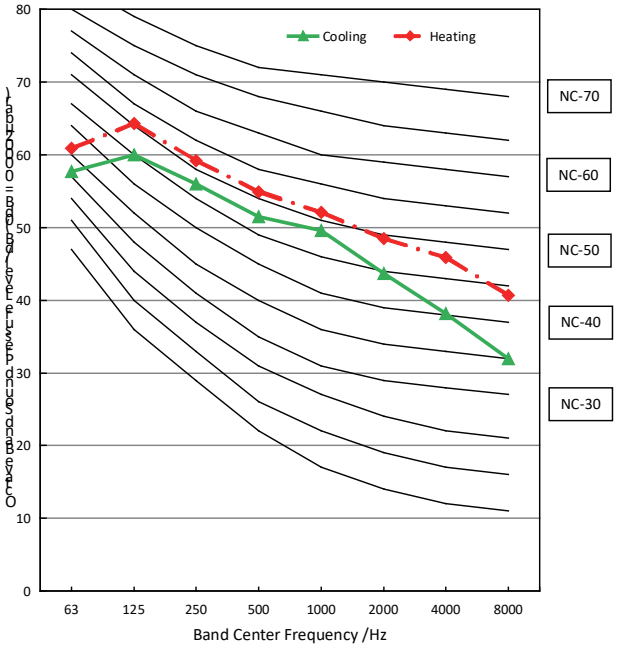
/


Cooling
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

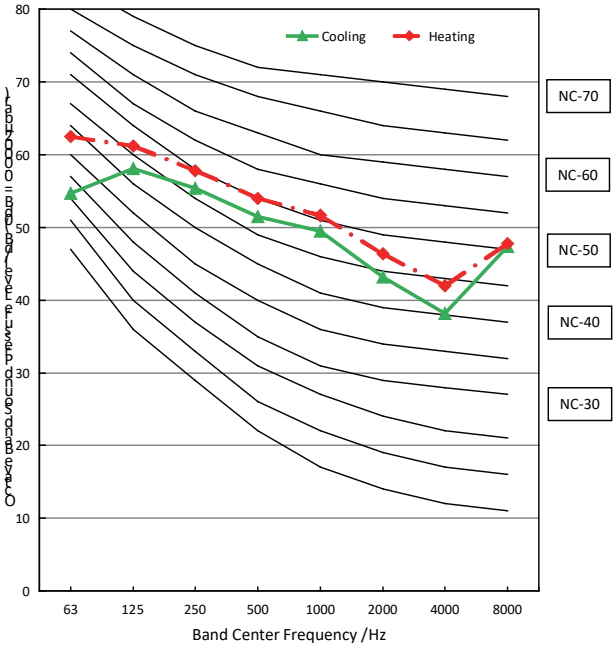
/


Cooling
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

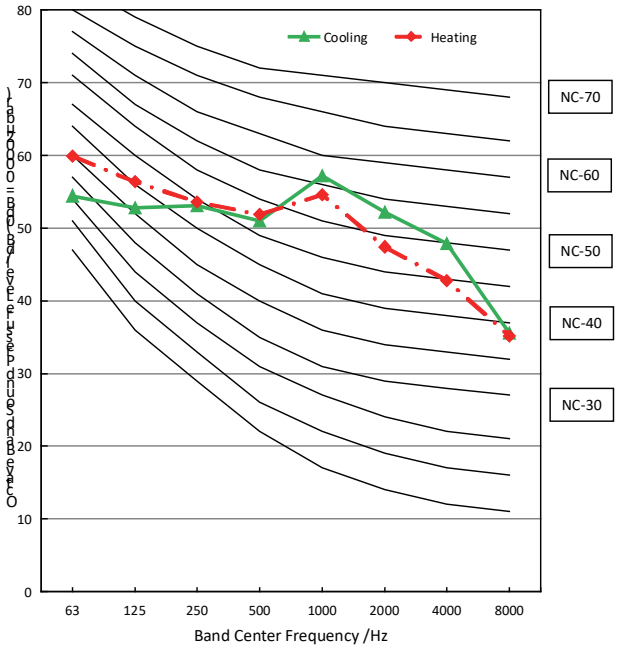
/


Cooling
Heating
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

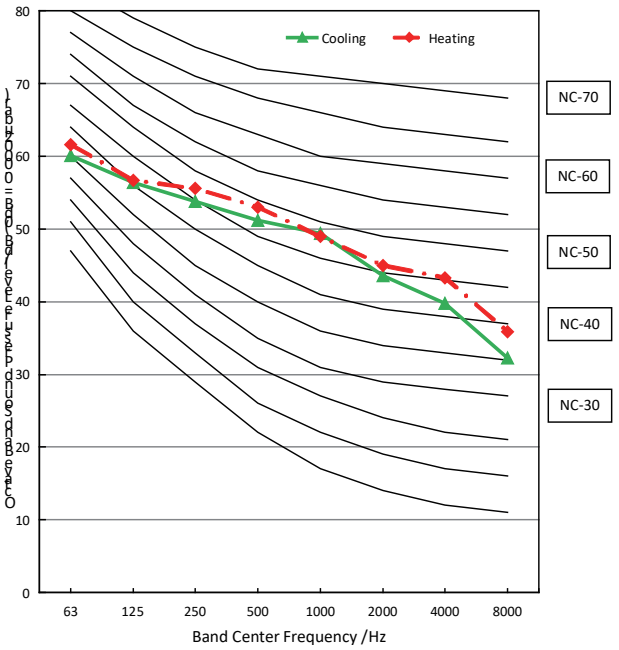
/


Cooling
Heating
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz

/

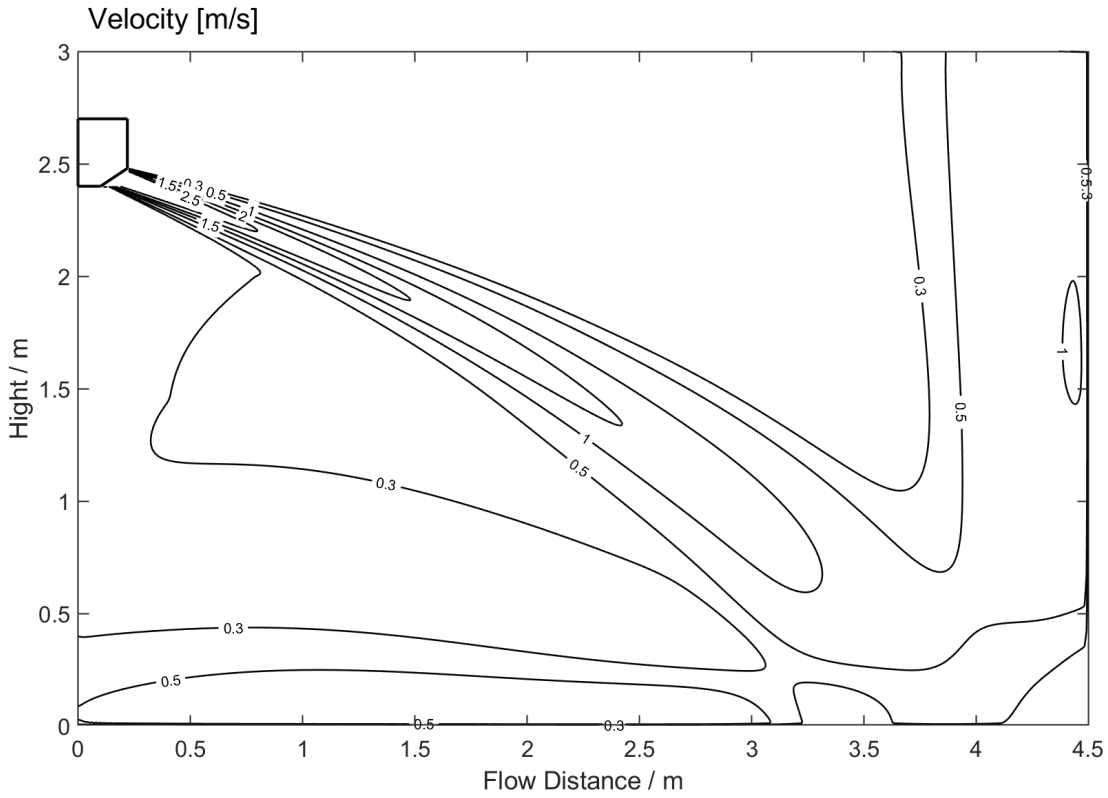

Cooling
Heating
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz
63
125
250
500
1000
2000
4000
8000

/

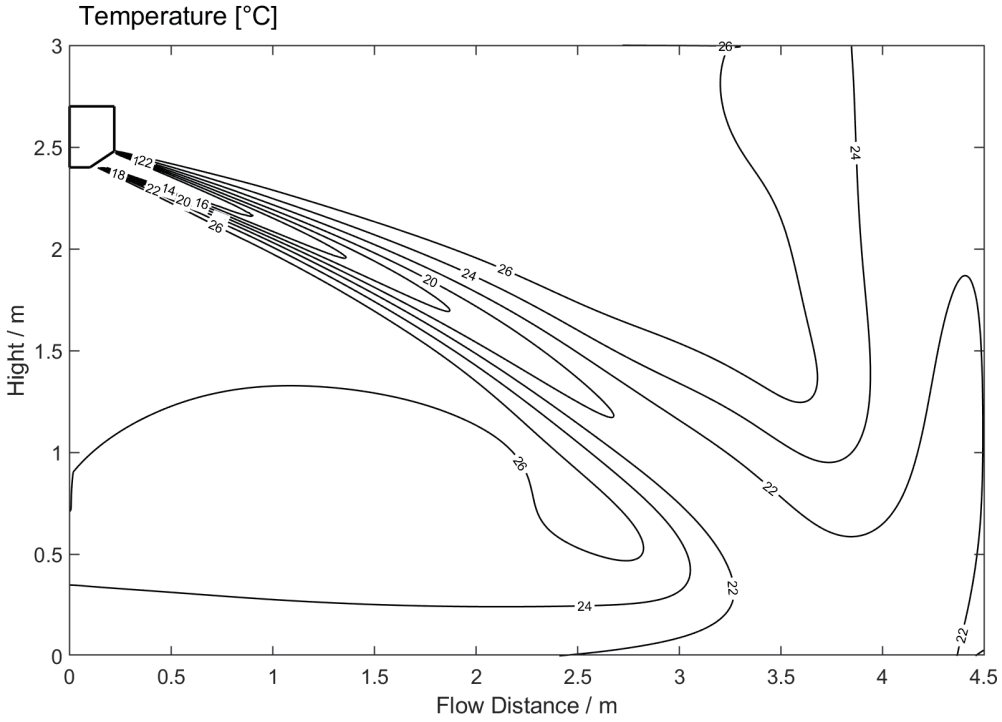

Cooling
Heating
NC-70
NC-60
NC-50
NC-40
NC-30
Band Center Frequency /Hz
63
125
250
500
1000
2000
4000
8000

7. Air Velocity and Temperature Distributions

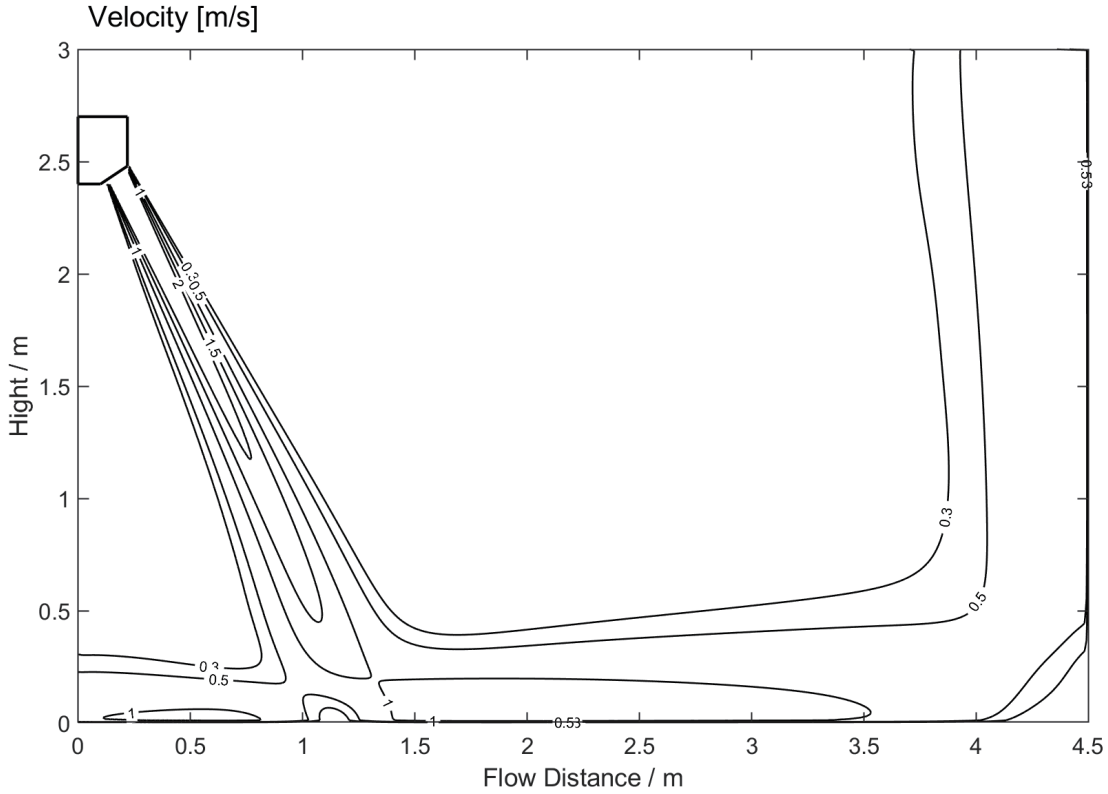
9k-Cooling(ID: 27°C/80.6°F, OD: 35°C/95°F)
Discharge Angle 20°
Airflow velocity distributions



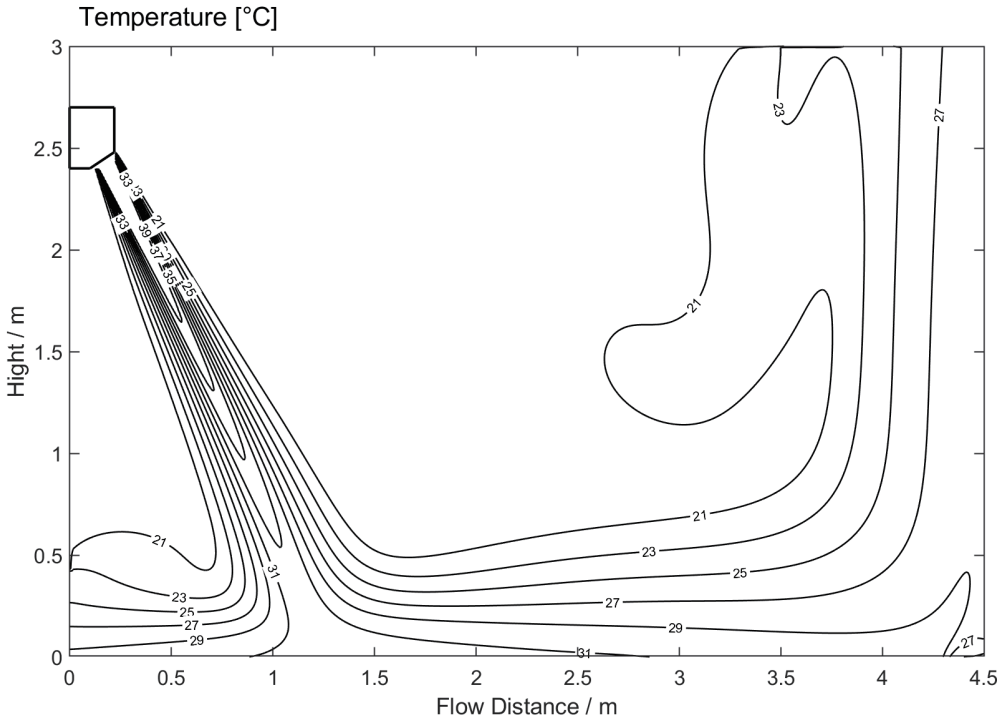
Temperature distributions



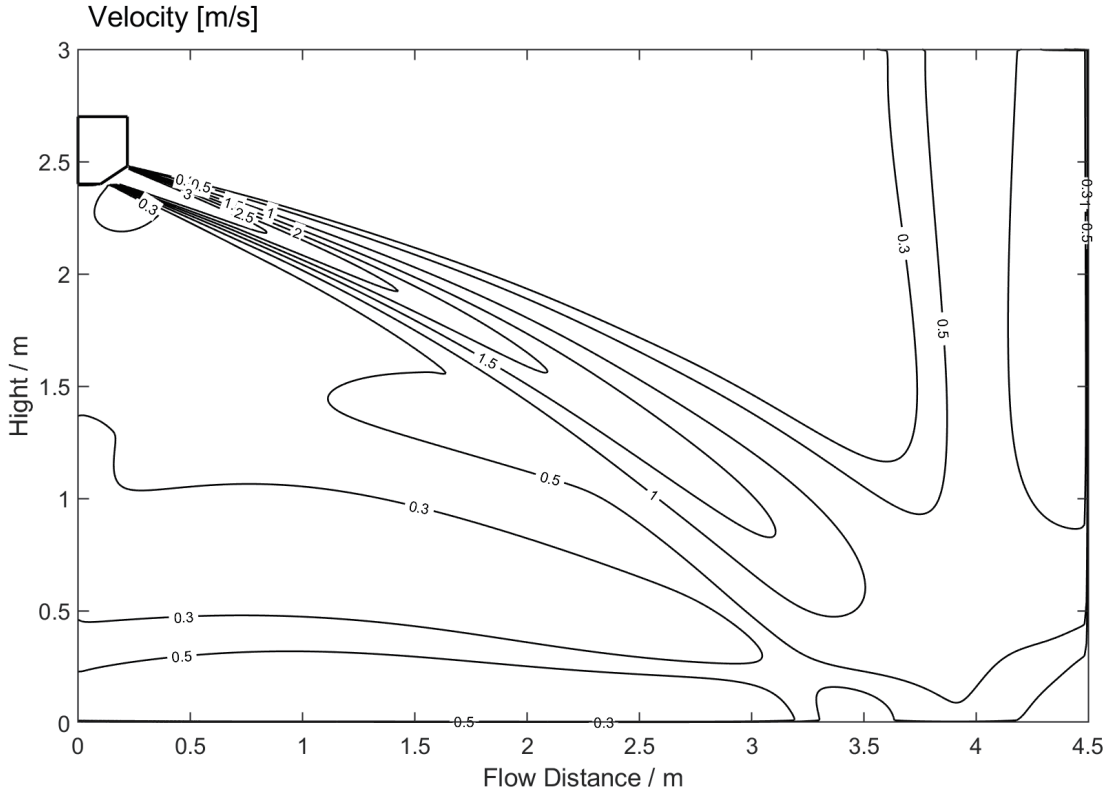
9k-Heating(ID: 20°C/68°F, OD: 7°C/44.6°F)
Discharge Angle 65°
Airflow velocity distributions



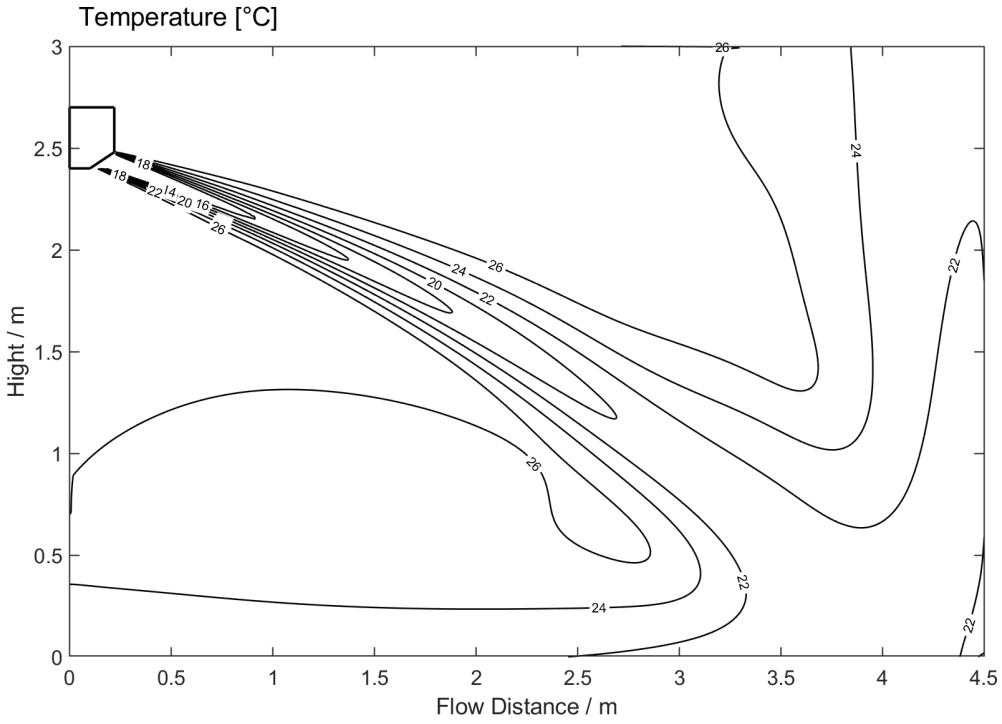
Temperature distributions



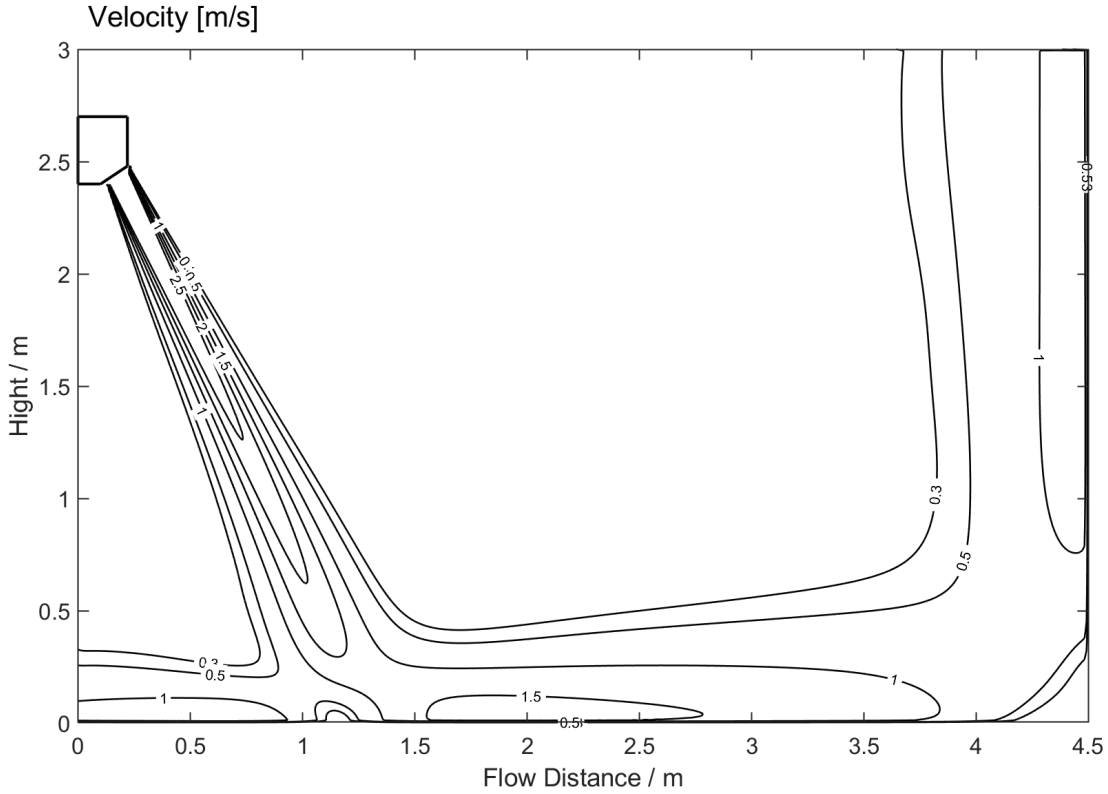
12k-Cooling(ID: 27°C/80.6°F, OD: 35°C/95°F)
Discharge Angle 20°
Airflow velocity distributions



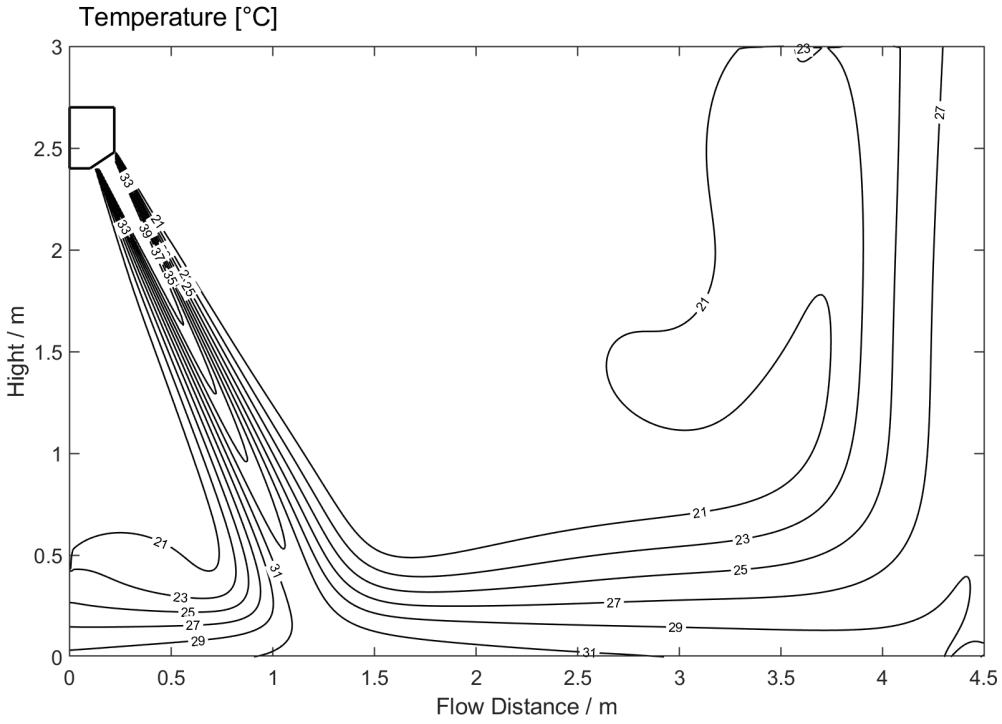
Temperature distributions



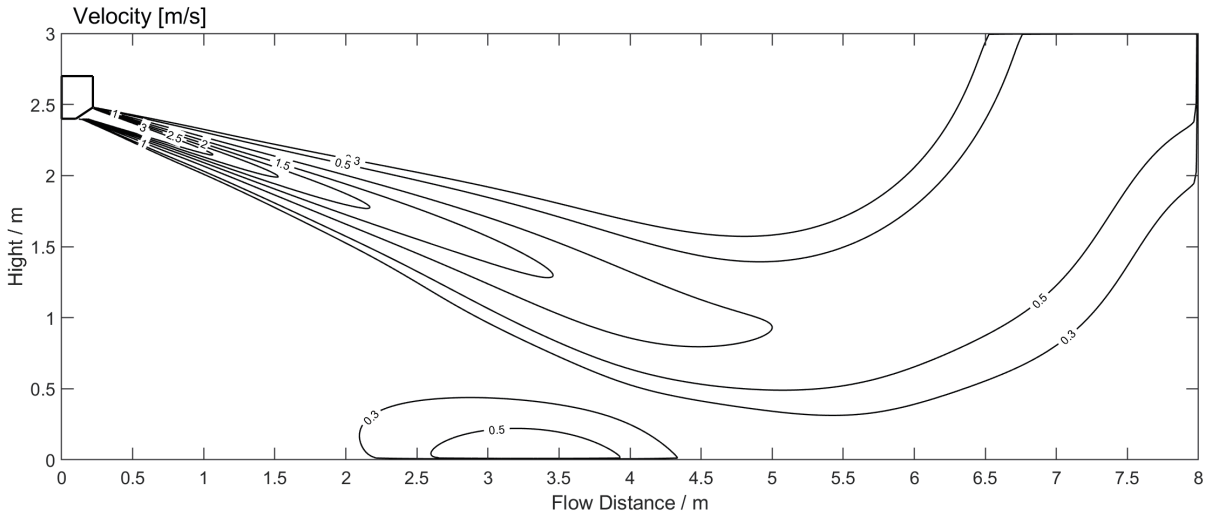
12k-Heating(ID: 20°C/68°F, OD: 7°C/44.6°F)
Discharge Angle 65°
Airflow velocity distributions



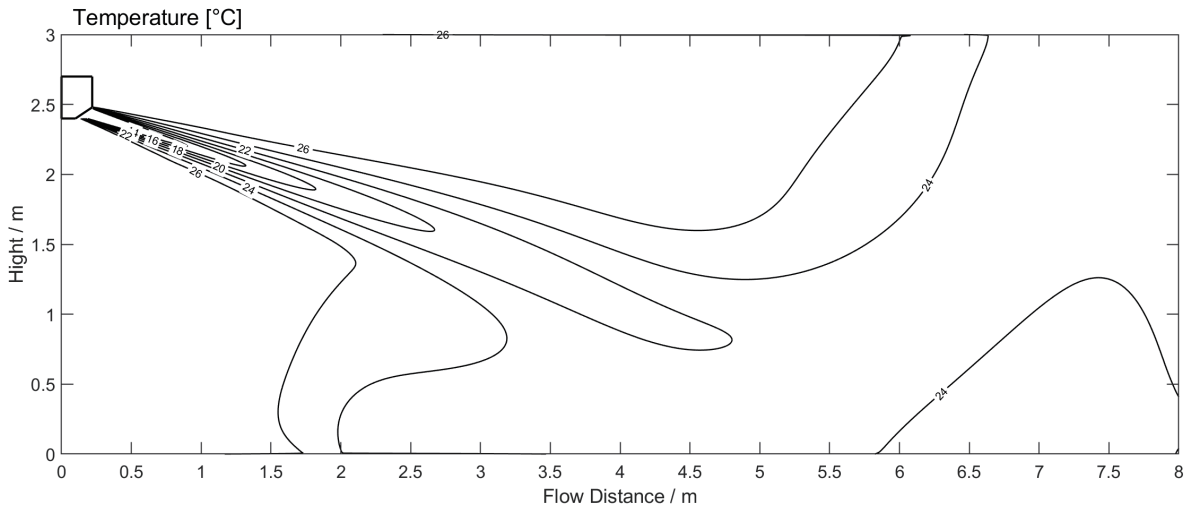
Temperature distributions



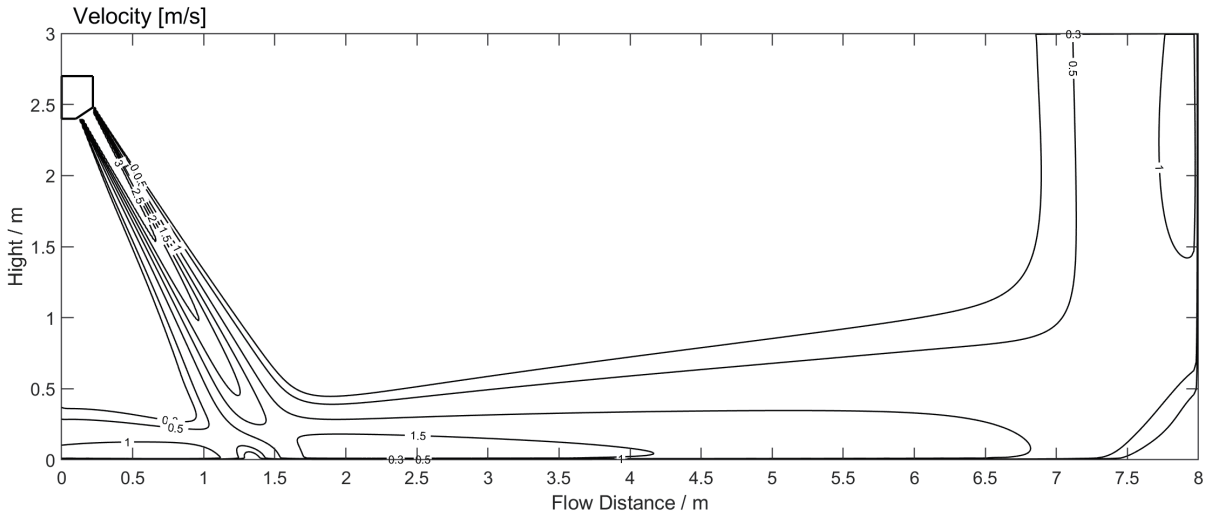
17k-Cooling(ID: 27°C/80.6°F, OD: 35°C/95°F)
Discharge Angle 18°
Airflow velocity distributions



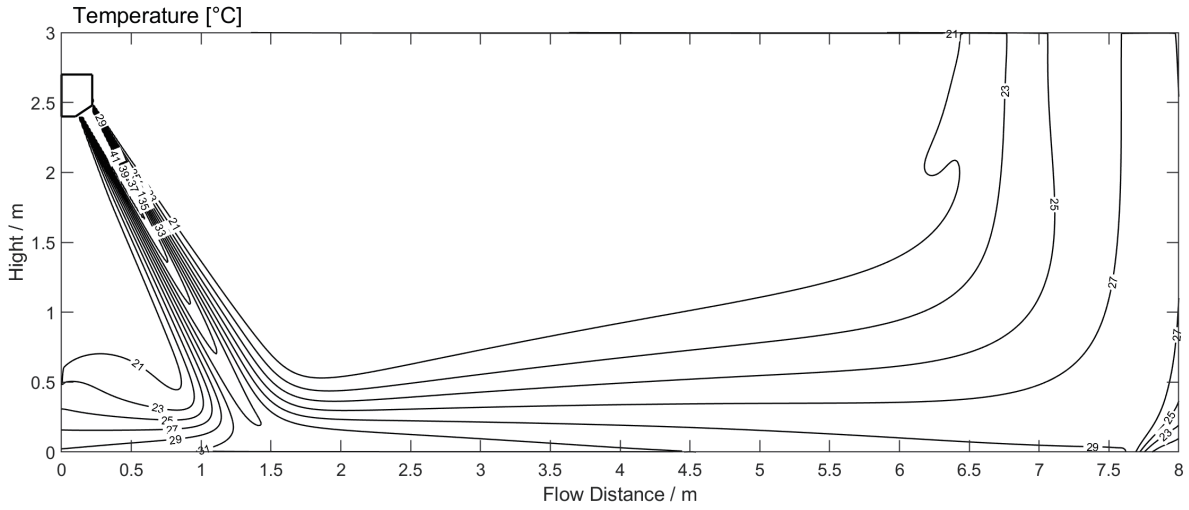
Temperature distributions



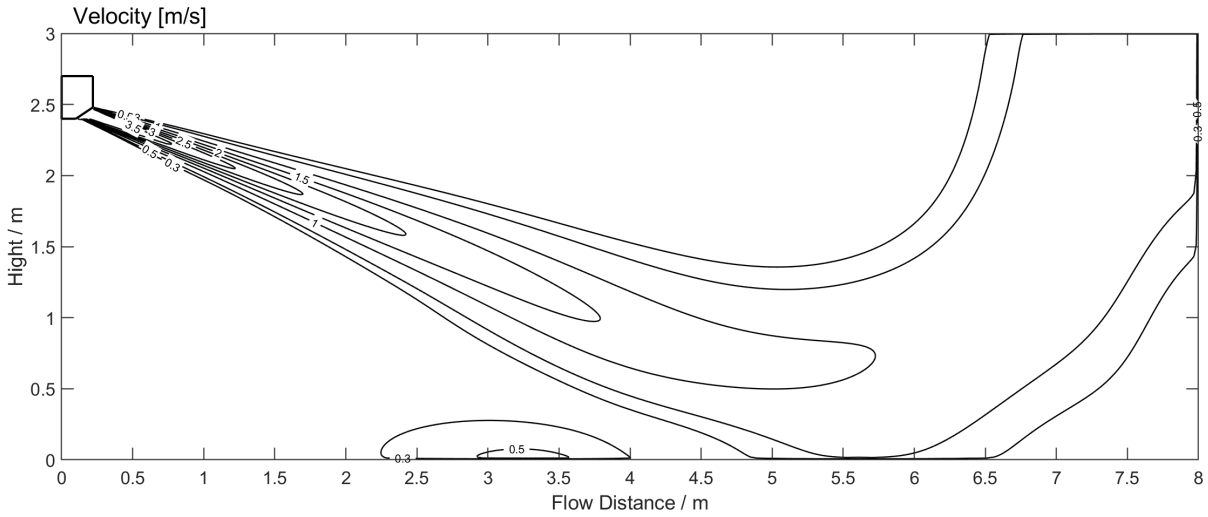
17k-Heating(ID: 20°C/68°F, OD: 7°C/44.6°F)
Discharge Angle 62°
Airflow velocity distributions



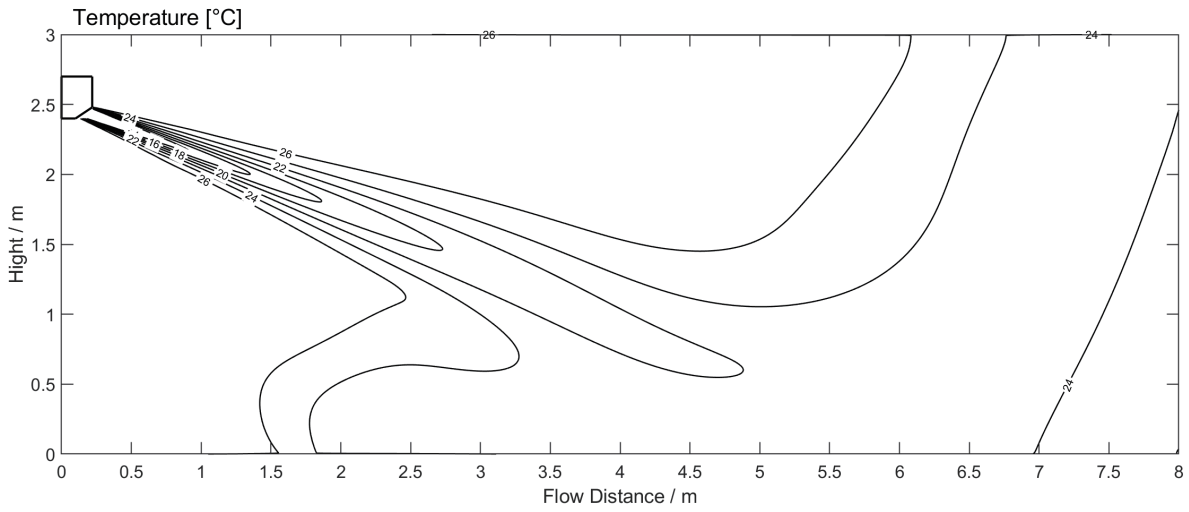
Temperature distributions



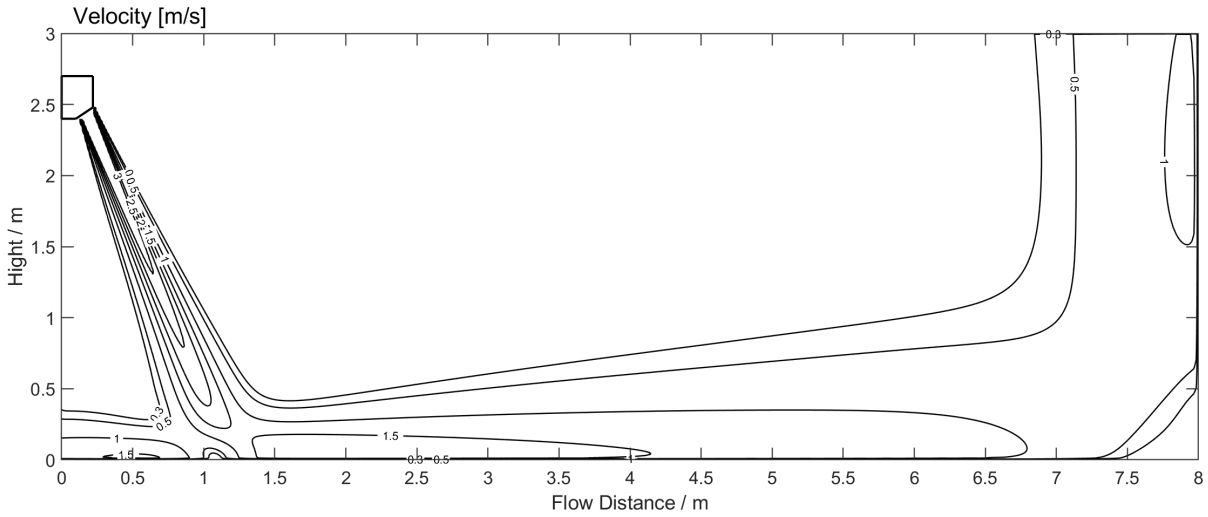
22k-Cooling(ID: 27°C/80.6°F, OD: 35°C/95°F)
Discharge Angle 20°
Airflow velocity distributions



Temperature distributions



22k-Heating(ID: 20°C/68°F, OD: 7°C/44.6°F)
Discharge Angle 68°
Airflow velocity distributions



Temperature distributions

