

ComfortStar®

Comfort... it's in our name

CCU-C Series



LIGHT COMMERCIAL

FEATURES:

- Cooling only
- Compact design for the outdoor unit
- Universal design
- Auto restart
- Metal grille
- 24V electronic control communication connection safe and simple.



Auto-restart
function.



Metal grille



Compact design



24V Control Signal

CCU-C Series



Model (Top Discharge Condensing Unit)		CCU24-410-C	CCU36-410-C	CCU48-410-C	CCU60-410-C	CCU60-410C-3-C
Power supply	V-Hz-Ph	220V-1Ph-60Hz	208-230V/1Ph/60Hz	220V-1Ph-60Hz	220V-1Ph-60Hz	220V-3Ph-60Hz
Max. input consumption	W	2620	3600	6125	6900	6725
Max. current	A	13.2	23	30.93	34.6	19.18
Starting current	A	45	50	50	80	/
Compressor	Model	PA240M2A-3MTU2	GVS295KAA	ABT042KTA	ABT054KAA	ZP54KUE-TF5-52E
	Type	Rotary	Rotary	scroll	scroll	scroll
	Brand	GMCC	LG	LG	LG	Emerson
	Qty	1	1	1	1	1
	Capacity	W	7220	8397	12368	15900
	Input	W	2475	2933	3980	5140
	Rated current(RLA)	A	11.75	13.6	17.5	21.5
	Thermal protector	Inner	Inner	Inner	Inner	Inner
	Capacitor	uF	55	60	70	80
	Refrigerant oil	ml	440	540	1360	1360
Refrigerant		R410a	R410a	R410a	R410a	R410a
Outdoor fan motor	Model	S.TB-DQ-YDK-160-6P2	S.TB-DQ-YDK-160-6P2	S.TB-DQ-YDK-230-6P2	S.TB-DQ-YDK-230-6P2	S.TB-DQ-YDK-230-6P2
	Brand	Weiling	Weiling	Weiling	Weiling	Weiling
	Drive	type	AC	AC	AC	Direct
	Qty		1.00	1.00	1.00	1.00
	Input	W	356.00	356.00	511.00	511.00
	Capacitor	uF	6uF/450V	6uF/450V	12uF/450V	12uF/450V
	Speed	r/min	1100	1100	1095	1095
Outdoor coil	Number of rows		1	1	1	1
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x25.6
	Fin spacing	mm	1.4 Unhydrophilic aluminum	1.4 Unhydrophilic aluminum	1.4 Unhydrophilic aluminum	1.4 Unhydrophilic aluminum
	Fin type		1428x588x13.37	1428x588x13.37	2150x798x13.37	2148x798x13.37
	Coil length x height x width	mm	2	2	4	4
	Number of circuits		7.00	7.00	7.00	7.00
Outdoor noise level	Tube O.D and type	mm	Inner groove tube	Inner groove tube	Inner groove tube	Inner groove tube
		dB(A)	65	65	65	60
Dimension	Body (WxDxH)	mm	554x554x633	554x554x633	740x740x835	740x740x835
	Packing (WxDxH)	mm	575x575x660	575x575x660	760x760x875	760x760x875
Net/Gross weight	kg		46/49	46.5/49.5	74/78.5	74.5/79
Refrigerant charge	g		R410A/1200	R410A/1650	R410A/1900	R410A/2100
Throttle type			Indoor Piston	Indoor Piston	Indoor Piston	Indoor Piston
Design pressure (high side/low side)	MPa		3.6/0.98	4.0/1.2	4.0/1.2	4.0/1.2
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05
	Max. refrigerant pipe length	m	20	20	20	20
	Max. difference between outdoor unit and indoor unit	m	10	10	10	10
Connection wiring	Power wiring	mm2	3x2.5	3x4.0	3x4.0	3x6
	Signal wiring	mm2	2x0.75	2x0.75	4x0.75	4x0.75
Ambient temp	°C		16~43	16~43	16~43	21~43
Loading QTY (20'/40'/40HQ)	Pcs		120/180/320	120/180/320	42/90/135	42/90/135

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NEO-C Series



LIGHT COMMERCIAL

FEATURES:

- Flexible Design
(Horizontal or Vertical Installation)
- Compact Design
- Quiet Operation
- Adjustable 3-Speed Fan Motor
- Louver Swing Function
to disperse Air Flow
- Wireless Remote Control (standard)
- Wired Wall Remote (optional)



High Quality



3-dimensional
Airflow



LED-display



Auto-restart
function.

NEO-C Series



Model (Floor Ceiling Indoor Unit)			NEO24SC-C	NEO36SC-C	NEO48SC-C	NEO60SC-C
Power supply		V-Ph-Hz	220V-1Ph-60Hz	220V-1Ph-60Hz	220V-1Ph-60Hz	220V-1Ph-60Hz
Cooling	Capacity	Btu/h	24000	36000	48000	60000
	Capacity	W	7032	10548	14064	17580
	Input	W	2430	3840	5706	6430
	Rated current	A	11.12	17.5	26.49	29.88
	Input(indoor unit)	W	160	160	320	320
	Rated current(indoor unit)	A	0.72	0.72	1.45	1.45
	EER	Btu/h.W	9.88	9.38	8.41	9.33
	EER	W/W	2.89	2.75	2.46	2.73
Indoor external static pressure		pa	0	0	0	0
Operation Control		\	Remote controller	Remote controller	Remote controller	Remote controller
Indoor coil	Number of rows		2	3	2	3
	Tube pitch(a)xrow pitch(b)	mm	21×13.37	21×13.37	21×13.37	21×13.37
	Fin spacing	mm	1.4	1.4	1.4	1.4
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
	Tube outside dia. and type	mm	7 inner grooved	7 inner grooved	7 inner grooved	7 inner grooved
	Coil length x height x width	mm	1000×252×69.2	1000×252×69.2	1378×252×70	1378×252×70
	Number of circuits		2	4	3	5
Indoor air flow(High speed)		m3/h	1300	1700	2200	2300
Indoor noise level		dB(A)	46-53	51-56	51-56	51-57
Power supply	Dimension(W*H*D)	Body(mm)	1245×240×680	1245×240×680	1670×240×680	1670×240×680
	Packing(W*H*D)	Body(mm)	1325×325×770	1325×325×770	1750×325×770	1750×325×770
	Net/Gross weight	Body(Kg)	34/40	35/41	47/54	47/54
Indoor fan motor	Brand		Kaihua	Weiling	Kaihua	Kaihua
	Model		YSK110-75LD-4P2	YSK110-180LD-4P2	YSK110-59LD-4P17	YSK110-59LD-4P17
	Input	W	110	220	167*2	167*2
	Output	W	75	180	83*2	83*2
	Capacitor	uF	5	5	3*2	3*2
	Speed(hi/mi/lo)	r/min	980/880/780	1330/1230/1130	1316/1139/1010	1316/1139/1010
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ15.88	Φ9.52/Φ19	Φ9.52/Φ19	Φ9.52/Φ19
	Max. Pipe length	m	20	20	20	20
	Max. Fall	m	10	10	10	10
Connection wiring	Power wiring	mm2	3×1.0	3×1.0	3×1.0	3×1.0
	Signal wiring	mm2	2×0.75	2×0.75	4×0.75	4×0.75
Operation temp		°C	16-32	16-32	16-32	16-32
Draining pipe dimension		mm	Φ25	Φ25	Φ25	Φ25
Loading QTY 20' /40' /40' HQ		Pcs	75/165/189	75/165/189	65/135/158	65/135/158

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CCT-C Series



LIGHT COMMERCIAL

FEATURES:

- Developed panel
- New body, Slim design, saving installation
- Intelligent auto-swing function, three modes for choice
- Three fan speed selection
- New streamlined fan design
- 4 way air flow
- Convenient Installation



Three fan speed
selection



Intelligent
auto-swing function



High Quality



New body
Slim design



Auto-restart
function.

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Model			CCT24-24-C	CCT36-24-C	CCT48-24-C	CCT60-24-C
Indoor power supply		V/Ph/Hz	208~230/1/60	208~230/1/60	208~230/1/60	208~230/1/60
Cooling	Capacity	Btu/h	24000	36000	48000	60000
		W	7032	10548	14064	17580
	Input	W	2420	3840	5566	6290
	Rated current	A	11.1	17.5	25.84	29.23
	Input(Indoor unit)	W	150	150	180	180
	Rated current(Indoor unit)	A	0.7	0.7	0.8	0.8
	EER	W/W	2.91	2.75	2.53	2.79
Indoor fan motor	Brand		KAIBANG	KAIBANG	KAIBANG	KAIBANG
	Model		YDK-45Q-6P2	YDK-45Q-6P2	YDK-75Q-6P2	YDK-75Q-6P2
	Input	W	100	100	180	180
	Capacitor	μF	2.5	2.5	4	4
	Speed(Hi/Me/Lo)	r/min	850/730/580	850/730/580	800/750/650	800/750/650
Indoor coil	Number of rows		2	2	2	2
	Tube pitch(a)xrow pitch(b)	mm	21×13.37	21×13.37	21×13.37	21×13.37
	Fin spacing	mm	1.45	1.45	1.45	1.45
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
	Tube outside dia. and type	mm	Φ7	Φ7	Φ7	Φ7
			inner grooved	inner grooved	inner grooved	inner grooved
	Number of circuits		8	8	12	12
Indoor air flow(High speed)		m3/h	1200	1200	1900	1900
Indoor noise level		dB(A)	45~52	45~52	51~57	51~57
Indoor unit	Dimension(W*D*H)	Body(mm)	840×840×230	840×840×230	840×840×285	840×840×285
		Panel(mm)	950×950×50	950×950×50	950×950×50	950×950×50
	Packing(W*D*H)	Body(mm)	920×920×310	920×920×310	920×920×375	920×920×375
		Panel(mm)	1030×1030×105	1030×1030×105	1030×1030×105	1030×1030×105
	Net/Gross weight	Body(Kg)	28/32	28/32	31/35	31/35
		Panel(Kg)	5.4/8.0	5.4/8.0	5.4/8.0	5.4/8.0
Max pressure		MPa	4.0	4.0	4.5	4.5
Refrigerant type			R410A	R410A	R410A	R410A
Refrigerant piping	Liquid side/Gas side	mm	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05
Drainage pipe		mm	25	25	25	25
Standard controller			Remote controller	Remote controller	Remote controller	Remote controller
Operation temp		℃	16~32	16~32	16~32	16~32
Ambient temp		℃	18~43	18~43	18~43	18~43
Application area		m2	28-50	40-70	55~95	60~105
Stuffing Quantity(20'/40'/40'HQ)		set	75/155/170	65/130/150	65/130/150	65/130/150

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ComfortStar®

Air Conditioning & Heating Products

AHE-C Series

Condensing Units 3 to 5 Tons

UP TO
13 SEER

FEATURES:

- Durable non-corrosive plastic drain pans.
- "A" shape coils, constructed with copper tubing and enhanced aluminum fins.
- Galvanized steel, with powder paint on all panels.
- Use TXV as expansion device.
- ECM motor with high energy efficiency and low noise.
- Versatile 4-way convertible design for vertical up airflow, horizontal right airflow.



Engine ECM



Low level noise

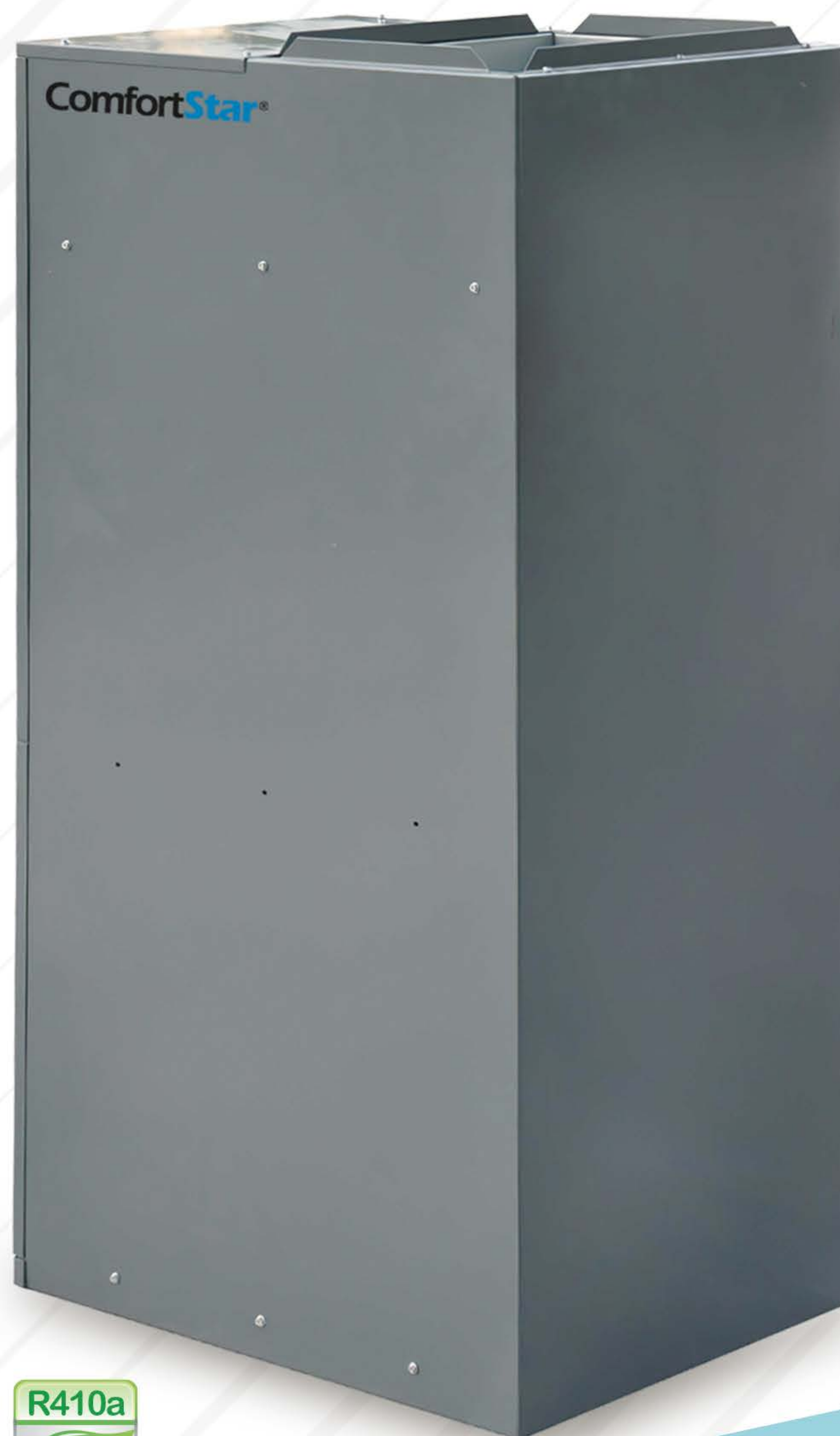


"A" shape coils



Multi position installation

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AHE-C Series

Condensing Units 3 to 5 Tons

UP TO
13 SEER



			AHE36-1	AHE60-1
Power supply			220~230-1-60	220~230-1-60
Cooling	Capacity	Btu/h	36000	60000
	Input	W	3820	7210
	EER	W/W	2.75	2.45
Indoor fan motor	Model		YKS-230-6-18	YKS-300-6-1
	Qty		1	1
	Input	W	420	660
	Capacitor	uF	15	12
Dimension (W*D*H)	Body_Length (W)	mm	520	500
		inch	20.47	19.69
	Body_Width (D)	mm	460	550
		inch	18.11	21.65
	Body_Height (H)	mm	774	970
		inch	30.47	38.19
Packing (W*D*H)	Packing_Length (W)	mm	835	1030
		inch	32.87	40.55
	Packing_Width (D)	mm	520	560
		inch	20.47	22.05
	Packing_Height (H)	mm	565	595
		inch	22.24	23.43
Net / Gross weight	Net weight	Kg	38.2	51
		lb	84.22	112.43
	Gross weight	Kg	41.7	55
		lb	91.93	121.25
Indoor side air flow	Indoor side air flow	m3/h	1648	2300
		CFM(ft3/mm)	969.41	1352.94
	Indoor side air flow	m3/h	1465	/
		CFM(ft3/mm)	861.76	/
Drainage water pipe dia	Drainage water pipe dia	/	ODΦ25mm	ODΦ25mm
ESP	Rated	Pa	37	50
	Range	Pa	0-140	0-180
Throttle type	Throttle type	/	Throttle valve	Throttle valve

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