

High Wall Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPECIFICATION

Indoor air circulation (CFM)		617/575/511/411/382
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		49/47/42/37/32
Dimension (W×D×H)	inch	39-3/4" x 12-3/8" x 8-5/8"
	mm	1010×315×220
Package (W×D×H)	inch	43-1/8" x 15-3/8" x 11-3/4"
	mm	1096×390×297
Net/Gross Weight	lbs	27.6
	kg	12.5

ELECTRICAL

Power Supply	208/230V~/60Hz/1P
System MCA	0.6
Connection Wiring	4×16AWG
System MOCP	15
Indoor Fan Motor RLA	0.3
Indoor Fan Motor W	45.0
System Power Input @ Cooling (W)	1700
System Power Input @ Heating (W)	1530
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

EFFICIENCY

Cooling		Heating	
SEER2	/	HSPF2-4	8.2-9.5
EER2	/	COP	1.8-3.41

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	4090~18400
Moisture Removal(L/h)	2.2
Standard Operating Range(°F/°C)	>=62/>=17
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

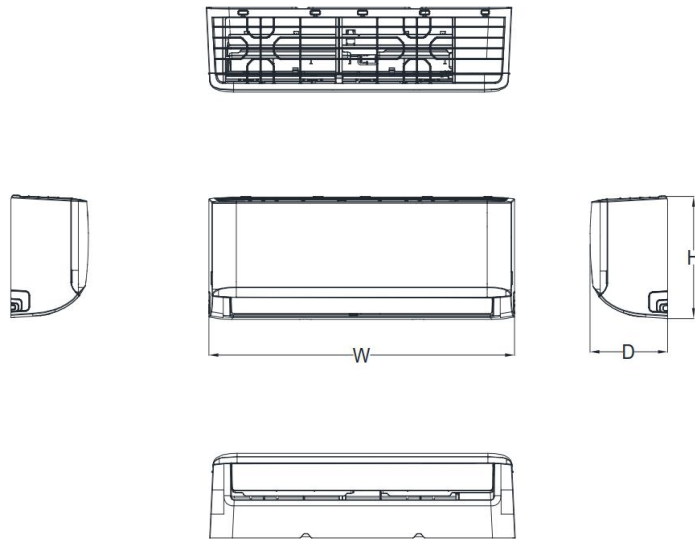
PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	19000
1. @ 47°F Min/Max Capacity	4090~19000
2. @ 17°F Rated	11000
3. @ 5°F Rated: Capacity / COP	1.8
3. @ 5°F Max: Capacity	12500
Standard Operating Range(°F/°C)	<=86/<=30
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

PIPING

Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Max. Piping Length(ft)	65
Max. Height Difference(ft)	49
Max. Pre-charged Length(ft/m)	25/7.5
Refrigerant Pre-charged Amount(oz/g)	35.27/1000
Additional Charge of Refrigerant((oz/ft)	10 / 0.11
Connection Method	4×16AWG

Indoor Unit Dimension



Model	W(inch)	D(inch)	H(inch)
CTT09CD(I)	31-7/8	8	11-1/2
CTT12CD(I)	31-7/8	8	11-1/2
CTT18CD(I)	39-3/4	8-5/8	12-3/8
CTT24CD(I)	46-7/8	10-1/4	14-1/8