

# Outdoor Unit Single Zone Heat Pump Ductless System

**Outdoor Model:** 38MHRCQ30AA3

## Submittal Data

Job Data:  Location:

Buyer:  Buyer P.O. #:  Carrier #:

Unit Number:  Model Number:

Performance Data Certified By:  Date:

### STANDARD FEATURES

- Cost competitive
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Anti-corrosive fin coating

### LIMITED WARRANTY\*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
- \*For residential applications. See warranty for full details.



## Specifications

System	Size	30	
	Outdoor Model	38MHRCQ30AA3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	25
	Recommended Fuse Size	A.	25
	MOCP - Fuse Rating	A.	30
	Max-Min Voltage*	A.	253-187
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	0~122 (-17~50)
	Heating Outdoor DB Min - Max	°F(°C)	0~86 (-17~30)
Piping	Total Piping Length	ft (m)	164 (50)
	Piping Lift**	ft (m)	82 (25)
	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (15.9)
Refrigerant	Type	R410A	
	Charge	lbs (kg)	6.17(2.8)
	Metering Device	EEV	
Outdoor Coil	Face Area	Sq. Ft.	8.14
	No. Rows	3	
	Fins per inch	18	
	Circuits	6	

Compressor	Compressor Type	Rotary Inverter	
	Model	KTF250D22UMT	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	22.7
	Rated Input Current of the Power Conversion Equipment	A.	17
Outdoor	Unit Width	in (mm)	37.24(946)
	Unit Height	in (mm)	31.89(810)
	Unit Depth	in (mm)	16.14(410)
	Net Weight	lbs (kg)	142.86(64.8)
	Airflow	CFM	2235
	Sound Pressure	dB(A)	70

\* Permissible limits of the voltage range at which the unit will operate satisfactorily

\*\* Condensing unit above or below indoor unit

See compatibility chart for additional model specific information

# Performance

High Wall	Cooling System Tons		2.5
	Cooling Rated Capacity	Btu/h	30000
	Cooling Cap. Range Min - Max	Btu/h	8,200~30,670
	SEER2	Btu/Wh	21
	EER2	Btu/Wh	12.2
	Heating Rated Capacity (47°F)	Btu/h	30000
	Heating Rated Capacity (17°F)	Btu/h	20000
	Heating Rated Capacity (5°F)	Btu/h	17800
	Heating Maximum Capacity (17°F)	Btu/h	21100
	Heating Cap. Range Min - Max	Btu/h	11,800~30,800
	HSPF2	Btu/Wh	8.7
	COP (47°F)	W/W	2.75
	COP (17°F)	W/W	2.39
COP (5°F)	W/W	1.8	

## Construction View

