



***RELIABLE HEATING AND COOLING
You can depend on***

**EvoAir - 12K
EvoAir - 18K**

Product Data Sheet

TECHNICAL SPECIFICATIONS				
Model Name			Evo 12K	Evo 18K
Type			Cooling & Heating	Cooling & Heating
Control type			Remote	Remote
Power supply			208 / 230V / 60Hz / IP	208 / 230V / 60Hz / IP
Rated cooling	Rated cooling capacity (95°F/35°C)	Btu/h	12000	18000
	EER (95°F/35°C)	Btu/W.h	13.0	13.0
	SEER2	Btu/W.h	23.0	22.0
Rated heating	Rated heating capacity (47°F/8.3°C)	Btu/h	12000	18000
	HSPF2 rating (Region IV)	Btu/W.h	9.5	8.8
	COP2 (47°F/8.3°C)	W/W	3.5	3.5
	COP (5°F/-15°C)	W/W	1.8	1.8
NEEP, Canada			Yes	Yes
E-star, US			Yes	Yes
Maximum fuse size		A	15.0	20.0
Moisture removal		Liters/h	16	2.2
Indoor air circulation/Hi		CFM	471	735
Indoor noise level at cooling Turbo/High/Med/Low/Mute			45/39/34/29/27	48/45/40/35/31
Outdoor noise level		dB(A)	52	52
Refrigerant		Type	R410a	R410a
Indoor motor	Motor brand		Weiling	Broad-Ocean
Compressor	Brand		GMCC	GMCC
Outdoor motor	Motor brand		Weiling	Broad-Ocean
Connecting pipe	Gas	Inches	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"
Connecting wiring	Size x Core number		4x16AWG	4x16AWG



TECHNICAL SPECIFICATIONS

Model Name			Evo 12K	Evo 18K
Suitable area	sq. ft		Up to 550	Up to 1000
Indoor packaging dimensions (WxDxH)	inch		38.98 x 14.96 x 10.43	45.87 x 15.95 x 11.61
Outdoor packaging dimensions (WxDxH) (without pipe)	inch		33.07 x 13.39 x 23.82	37.79 x 16.92 x 29.53
Outdoor packaging dimensions (WxDxH) (with pipe)	inch		33.54 x 14.09 x 24.02	37.79 x 16.92 x 29.53
Loading capacity (Indoor)	40'HC		650	498
Loading capacity (Out)	40'H (with pipe)		344	189
Factory precharge line	(m/ft)		7.5 / 25	7.5 / 25
Maximum line length	(m/ft)		15 / 50	20 / 65
Maximum height difference between indoor and outdoor	(m/ft)		10 / 33	15 / 49
Ambient temperature	Indoor (cooling / heating)	°C	>=17 / <=30	>=17 / <=30
	Outdoor (cooling/ heating)	°C	-15-55 / -25-30	-15-55 / -25-30
Ambient temperature	Indoor (cooling / heating)	°F	>=62 / <=86	>=62 / <=86
	Outdoor (cooling/ heating)	°F	5-131 / -13-86	5-131 / -13-86

CERTIFICATIONS

