

Technical Specifications – ProCozy Air™ Series

Specification	Conditions	LIR Series	SIR Series
Type	—	Bottom Discharge / Bottom Intake	Side Discharge / Side Intake
Operation Parameter	Operation Temperature	N / A	N / A
	Operation Relative Humidity	N / A	N / A
	Controlling Relative Humidity	N / A	N / A
Max Dehumidification Capability	20°C / RH 80%	N / A	N / A
	20°C / RH 40%	N / A	N / A
	10°C / RH 80%	N / A	N / A
	10°C / RH 40%	N / A	N / A
Max Air Flow	—	225 CFM / 380 m³/h	225 CFM / 380 m³/h
Air Duct Size	—	N / A	Optional (8-inch / Ø203 mm)
Voltage	AC	100V, 110V, 120V, 200V 220V, 230V, 240V	100V, 110V, 120V, 200V 220V, 230V, 240V
Frequency	Sinusoidal Wave	50Hz/ 60Hz	50Hz/ 60Hz
Maximum Power Consumption	Standby	N / A	N / A
	Silent Mode	N / A	N / A
	Normal Mode	N / A	N / A
	Turbo Mode	N / A	N / A
	Silent (Air Purification Only)	0.02kW	0.02kW
	Normal (Air Purification Only)	0.03kW	0.03kW
	Turbo (Air Purification Only)	0.05kW	0.05kW
Dehumidification Efficiency	Liters Per Kilowatt Hour	N / A	N / A
Typical Sound Level	Silent Mode (at 3 meters)	40dB	40dB
	Normal Mode (at 3 meters)	46dB	46dB
	Turbo Mode (at 3 meters)	52dB	52dB
	When Water Pump is Running (at 3 meters)	N / A	N / A
Filter Type	SGS Certified	MERV11, MERV13, Activated Carbon+MERV11	MERV11, MERV13, Activated Carbon+MERV11
Effective Area	Ceiling at 3 meters	60 m²	60 m²
Effective Volume	—	180 m³	180 m³
Automation Control	Physical Layer	RS-485	RS-485
	Baud Rate	115,200bps	115,200bps
	Max Distance	2,000m	2,000m
Infrared Control	Protocol Standard	Modified NEC	Modified NEC
	Carrier Wave Frequency	38 Khz	38 Khz
	Max Distance	10 m	10 m
Key Component Material Type	Enclosurer	Stainless Steel 430	Stainless Steel 430
	Heat Exchanger	N / A	N / A
	Internal Main Structure	N / A	N / A
	Internal Circulation Duct	N / A	N / A
Unit Size	[mm]	L800 x W347 x H303	L615 x W347 x H303
Unit Weight	[kg]	19 [kg]	17 [kg]