ATLAS PRO SERIES

SUBMITTAL DATA SHEET

4-Way Cassette Heat Pump System	
Series Name:	Atlas Pro Series
Indoor Model:	DAP18C2A1

Location:		Approval:	
Engineer:		Date:	
Submitted To:		Construction:	
Submitted By:		Unit No.:	
Reference:		Drawing No.:	





FEATURES

- 360° Airflow
- Integral Condensate Pump
- Refrigerant Leak Detection Sensor
- Humidity Sensor
- 1–100% Fan Speed Control
- Wi-Fi Capability via Wi-Fi Dongle
- Remote On/Off & Alarm Ports
- Wireless Remote Control
- DAP091218P Cassette Panel Required *(Sold Separately)*
- Optional Controls *(Sold Separately)*
  - KJR-120N Wired Programmable Control
  - 24V Mini-Interface for Standard 24V Thermostats

COOLING PERFORMANCE[1] (Btu/hr)	
Standard Capacity	16000
Standard Operating Range	60~90 °F / 16~32 °C

HEATING PERFORMANCE[1] (Btu/hr)	
Standard Capacity	19000
Standard Operating Range	32~86 °F / 0~30 °C

1 Note: Standard capacity of indoor unit is for reference, capacity varies based on multi-zone system combinations.

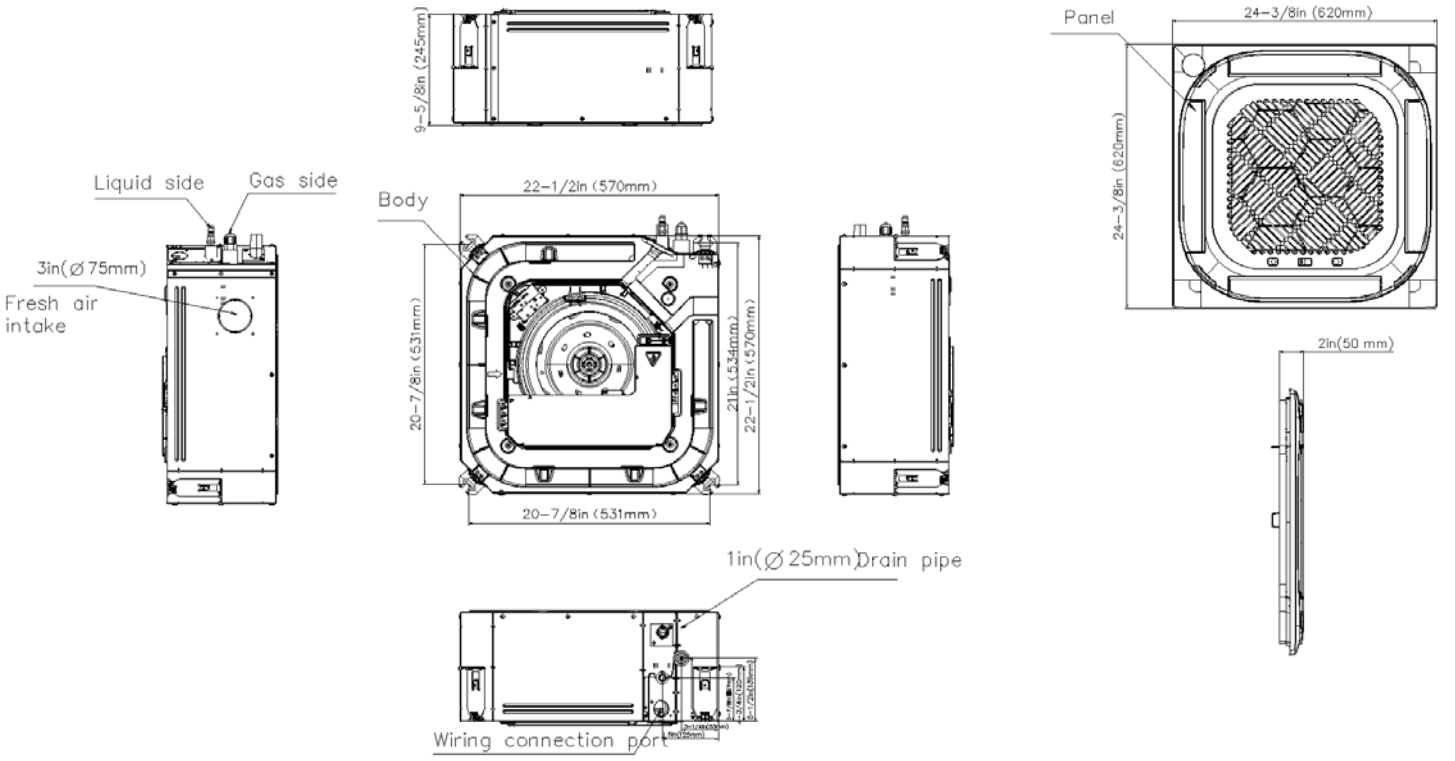
INDOOR SPECIFICATIONS	
Air Flow (CFM) (Turbo/H/M/L/Si)	447/389/318/194/147
Noise Level (dBA) (Turbo/H/M/L/Si)	48/45/41/28/24
Dimension (W×D×H)	22.44 x 22.44 x 9.65 in.
	570.0 x 570.0 x 245.0 mm
Package (W×D×H)	28.15 x 25.20 x 11.61 in.
	715 x 640 x 295 mm
Net / Gross Weight	35.27 lbs. / 41.89 lbs.
	16 kg / 19 kg

ELECTRICAL	
Power Supply	208/230V, 60Hz, 1Ph
Voltage Range	187-253V
MCA	3.0
Connection Wiring	14# x 4
Indoor Fan Motor Model	ZKFN-45-8-2
Indoor Fan Motor Speed (RPM) (H/M/L)	800 / 750 / 700
Indoor Fan Motor RLA	1
Indoor Fan Motor W	45

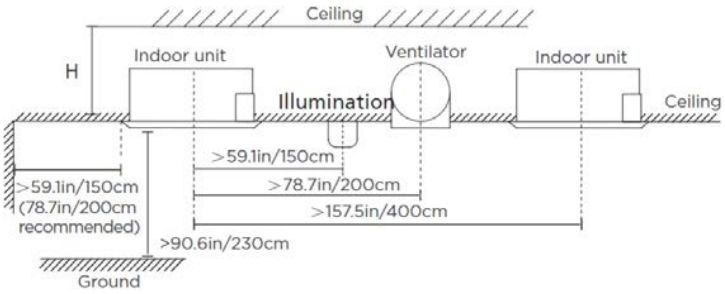
MCA: Min. Circuit Amps (A) RLA: Rated Load Amps (A) W: Fan Motor Rated Output (W)

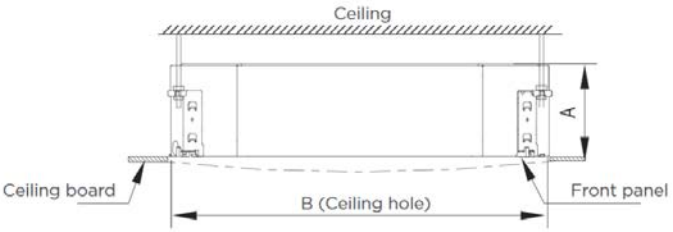
PIPING	
Refrigerant	R454B
Design Pressure (PSIG)	550 / 340
Liquid Size	1/4 in. (6.35mm)
Gas Size	1/2 in. (12.7mm)
Drain Pipe Size	1 in. (25mm)

Indoor Unit Dimensions



Installation Clearance Requirements





Capacity	H	A	B
9K /12K / 18K	>10.8 in.	9.6 in.	23.6 in.
	275 mm	245 mm	600 mm
24K	9.06 in.	8.03 in.	35.4 in.
	230 mm	205 mm	900 mm

Note: Distance from the ceiling is relative to the height of the indoor unit.