

# PLA-A18EA8 18,000 BTU/H 3' X 3' CEILING CASSETTE



Job Name:

System Reference:

Date:



### GENERAL FEATURES

- Space-efficient ductless installation
- Equipped with 3D i-see Sensor® for enhanced comfort and energy efficiency
- Airflow settings for high and low ceiling applications
- Individual vane settings for direct/indirect airflow control or variable airflow patterns
- Knockouts for outside-air intake and branch-duct run
- Filter indicator signal
- Easy-to-clean, washable filter (optional high-efficiency filter available - requires multi-function casement)
- Built-in condensate lift mechanism
- Ideal for retail shops, classrooms, office spaces, conference centers, building lobbies, and more
- Multiple control options available:
  - kumo cloud® smart device app for remote access
  - Third-party interface options
  - Wired or wireless controllers

Specifications		System	
Unit Type		PLA-A18EA8	
Cooling Capacity <sup>1,3</sup>	BTU/H	18,000	
Heating Capacity <sup>2,3</sup>	BTU/H	19,000	
Electrical	Voltage, Phase, Frequency	208/230, 1, 60	
	Guaranteed Voltage Range	198 - 253	
	Voltage: Indoor - Outdoor, S1-S2	208/230	
	Voltage: Indoor - Outdoor, S2-S3	24	
	Short-circuit Current Rating [SCCR]	5	
Indoor Unit	MCA	1.0	
	Fan Motor Full Load Amperage	0.28	
	Airflow Rate at Cooling, Dry	460-490-570-600	
	Airflow Rate at Cooling, Wet	380-420-530-560	
	Airflow Rate at Heating, Dry	420-460-570-600	
	Sound Pressure Level [Cooling]	28-29-31-32	
	Sound Pressure Level [Heating]	28-29-31-32	
	Drain Pipe Size	1-1/4 [32]	
	Condensate Lift Mechanism, Maximum Distance	33-7/16 [850]	
	Coating on Heat Exchanger	—	
	External Finish Color	White Munsell 6.4Y 8.9/0.4	
	Unit Dimensions	W x D x H: In. [mm]	33-1/16 x 33-1/16 x 10-3/16 [840 x 840 x 258]
	Package Dimensions	W x D x H: In. [mm]	34-19/64 x 35-35/64 x 15 [871 x 903 x 381]
	Unit Weight	Lbs. [kg]	46 [21]
	Package Weight	Lbs. [kg]	77 [34.8]
Refrigerant	Type	R410A	
Piping	Gas Pipe Size O.D. [Flared]	1/2 [12.7]	
	Liquid Pipe Size O.D. [Flared]	1/4 [6.35]	

NOTES:  
 Conditions <sup>1</sup>Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB  
<sup>2</sup>Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB

<sup>3</sup>Capacity varies based on the number of indoor units operating and the model of the Multi-zone Outdoor Unit. For reference to connected capacity charts, please refer Multi-zone Outdoor Unit Operational Performance.

## INDOOR UNIT ACCESSORIES: PLA-A18EA8

Control Interface	3-Pin Connector	PAC-715AD
	Airzone ZBS Wired Blueface Principal Controller White	AZZBSBLUEFACECB
	Airzone ZBS Wired Blueface Principal Controller White	AZZBSBLUEZEROCB
	Airzone ZBS Wired Lite Controller White	AZZBSLITECB
	Airzone ZBS Wireless Lite Controller White	AZZBSLITERB
	Airzone ZBS Wireless Think Controller White	AZZBSTHINKRB
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
	Procon BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
	Remote Operation Adapter†	PAC-SF40RM-E
	Thermostat Interface	PAC-US445CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Remote Sensor	Flush Mount Remote Temperature Sensor	PAC-USSEN002-FM-1
	Flush Mount Temperature Sensor	PAC-USSEN001-FM-1
	Remote Temperature Sensor	PAC-SE41TS-E
	Wireless temperature and humidity sensor for kumo cloud®	PAC-USWHS003-TH-1
Wired Remote Controller	Deluxe Wired MA Remote Controller†	PAR-40MAAU
	Simple Ductless Wired Remote Controller	PAC-SDW01RC-1
	Simple MA Remote Controller†	PAC-YT53CRAU-J
	Touch MA Controller†	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Lockdown bracket for remote controller	RCMKP1CB
	Wireless MA Receiver	PAR-FA32MA-W
	Wireless MA Remote Controller	PAR-FL32MA-E
	Wireless Remote Controller	PAR-SL101A-E
	Wireless Signal Receiver Panel	PAR-SR4LU-E
Casement	Multi-function Casement	PAC-SJ41TM-E
Condensate	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X86-003
	Blue Diamond Sensor Extension Cable — 15 Ft.	C13-103
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	COMBI
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
Filter	High Efficiency Filter Element**	PAC-SH59KF-E
i-see Sensor® Panel	Grille with 3D i-see Sensor®	PLP-41EAEU
Lineset	100' x 1/4" x 100' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-100
	15' x 1/4" x 15' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-15
	30' x 1/4" x 30' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-30
	50' x 1/4" x 50' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-50
	65' x 1/4" x 65' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-65
Shutter Plate	Shutter Plate	PAC-SJ37SP-E
Space Panel	Space Panel	PAC-SJ38AS-E

**NOTES:**

†PAC-SF40RM-E (Unable to use with wireless remote controller)

