

PLA-A12EA8
12,000 BTU/H 3' X 3' CEILING CASSETTE



Job Name:

System Reference:

Date:



Indoor Unit.....PLA-A12EA8

INDOOR UNIT 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: PLA-A12EA8

Indoor Unit	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.28
	Fan Motor Type		DC Motor
	Airflow Rate at Cooling, Dry	CFM	370–460–490–530
	Airflow Rate at Cooling, Wet	CFM	340–420–450–490
	Airflow Rate at Heating, Dry	CFM	370–460–490–530
	Sound Pressure Level [Cooling]	dB[A]	26–27–29–30
	Sound Pressure Level [Heating]	dB[A]	26–27–29–30
	Drain Pipe Size	In. [mm]	1-1/4 [32]
	Condensate Lift Mechanism, Maximum Distance	In. [mm]	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]
Indoor Unit Operating Temperature Range	Cooling Intake Air Temp [Maximum / Minimum]*	°F	90 DB, 72 WB / 66 DB, 61 WB
	Heating Intake Air Temp [Maximum / Minimum]	°F	77 DB / 59 DB

NOTES:

AHRI Rated Conditions

(Rated data is determined at a fixed compressor speed)

¹Cooling (Indoor // Outdoor)

°F 80 DB, 67 WB // 95 DB, 75 WB

²Heating at 47°F (Indoor // Outdoor)

°F 70 DB, 60 WB // 47 DB, 43 WB

³Heating at 17°F (Indoor // Outdoor)

°F 70 DB, 60 WB // 17 DB, 15 WB

*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]):

- Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.
 - » Wind baffles required to operate below 23°F DB in cooling mode.
 - » Heat pump system with wind baffle: 0°F - 115°F.
 - » Refer to wind baffle documentation for further information.

**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures):

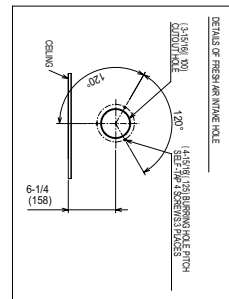
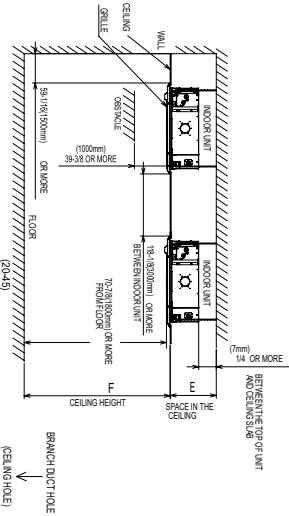
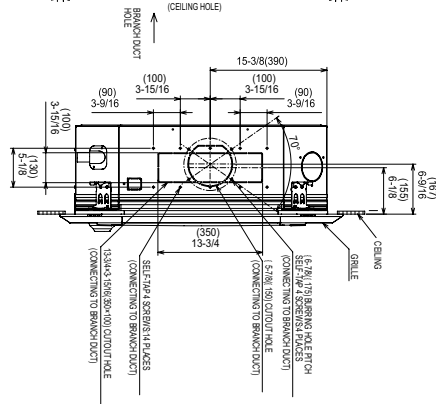
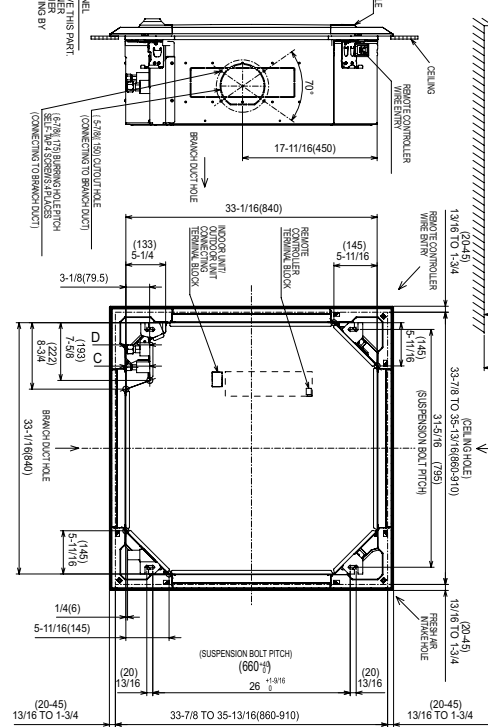
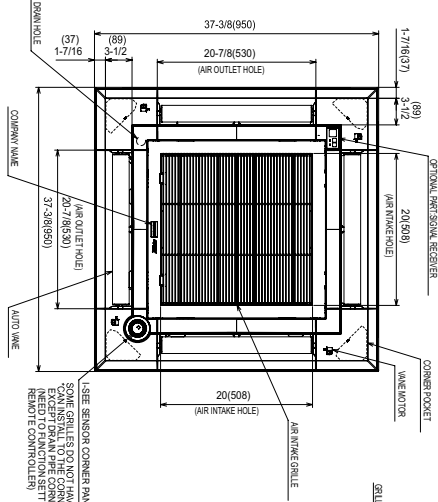
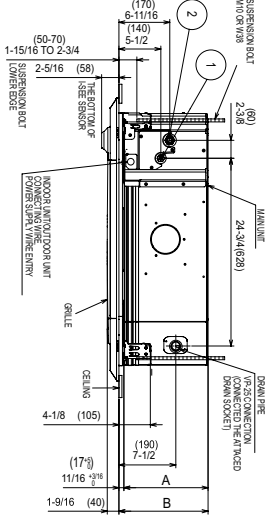
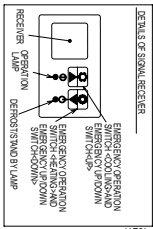
- System cuts out in heating mode to avoid thermistor error and automatically restarts at these temperatures.

***Blue Fin Coating Standard from 2022 production:

- PU(Y/Z)-A(12/18)NKA7 - Beginning with serial number 12U*****
- PU(Y/Z)-A(24/30/36/42)NKA7 - Beginning with serial number 12U*****

INDOOR UNIT DIMENSIONS: PLA-A12EA8

Unit: inch (mm)

[illegible]

NOTE: CHOOSE THE STRIP AMONG THE AVAILABLE GRATES.
2. REMOVE THE SUSPENSION SCOLD FOR EARTHQUAKE RESISTANCE AS NEEDED.
(PROCEED AT THE LOCAL SITE.)
4. FOR MAIN PIPE, USE 3/4" (20.0 x 14.1) (30.3 PVC) (USE
ELECTRICAL GLOVE BE REMOVED FOR THE SERVICE PURPOSE
STRIP IS MAX 33" (8.4) (FROM FROM THE CELLING,
CONTROL POWER WIRES CONNECTION
WITH THE GRILLE ATTACHED
2. REQUIRE 2" OF MORE SPACE BETWEEN TRUSSING AND CEILING FOR THE INSTALLATION
IF BECOMES THE CAUSE OF DRIP/LEAK OR BROKE (IT DRIPPING)
OTHERWISE CONDENSATION AND DRIPPING MAY OCCUR.
RIGHT AT FIGURE
FOR THE INSTALLATION OF THE OPTIMAL HIGH EFFICIENCY FILTER OR
MULTI-FUNCTIONAL ELEMENT, REFER TO SPECIAL DRAWING.

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