Job Name:

System Reference: Date:

GENERAL FEATURES

- Airflow settings for high and low ceiling applications
- Knock-out for outside-air intake
- Optional i-see Sensor™ for air distribution and energy saving
- Auto fan speed mode
- Filter status indicator
- Easy-to-clean, washable filter
- Suspends from ceiling for quick and easy installation
- Ideal for larger retail stores, classrooms, and restaurants
- Multiple control options available:
  - kumo cloud® smart device app for remote access
  - Third-party interface options
  - Wired or wireless controllers

Specifications			System
Unit Type			**PCA-A24KA7**
Cooling Capacity[1, 3]		BTU/H	24,000
Heating Capacity[2, 3]		BTU/H	26,000
Electrical	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	V AC	198- 253V
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
Indoor Unit	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.54
	Fan Motor Output	W	95
	Airflow Rate at Cooling, Dry	CFM	530–565–600–670
	Airflow Rate at Cooling, Wet	CFM	495–530–565–635
	Airflow Rate at Heating, Dry	CFM	530–565–600–670
	Sound Pressure Level [Cooling]	dB[A]	33–35–37–40
	Sound Pressure Level [Heating]	dB[A]	33–35–37–40
	Drain Pipe Size	In. [mm]	1-1/32 [26]
	Coating on Heat Exchanger		—
	External Finish Color		White Munsell 6.4Y 8.9/0.4
	Unit Dimensions	W x D x H: In. [mm]	50-3/8 x 26-3/4 x 9-1/16 [1280 x 680 x 230]
	Package Dimensions	W x D x H: In. [mm]	53-1/8 x 29-15/16 x 12-5/8 [1350 x 760 x 320]
	Unit Weight	Lbs. [kg]	71 [32]
	Package Weight	Lbs. [kg]	53-1/8 x 29-15/16 x 12-5/8</br>[1350 x 760 x 320]
Refrigerant	Type		R410A
Piping	Gas Pipe Size O.D. [Flared]	In.[mm]	5/8 [15.88]
	Liquid Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]

NOTES:
Conditions

[1]Cooling (Indoor // Outdoor)   °F   80 DB, 67 WB // 95 DB, 75 WB
[2]Heating at 47°F (Indoor // Outdoor) °F   70 DB, 60 WB // 47 DB, 43 WB

[3]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.:
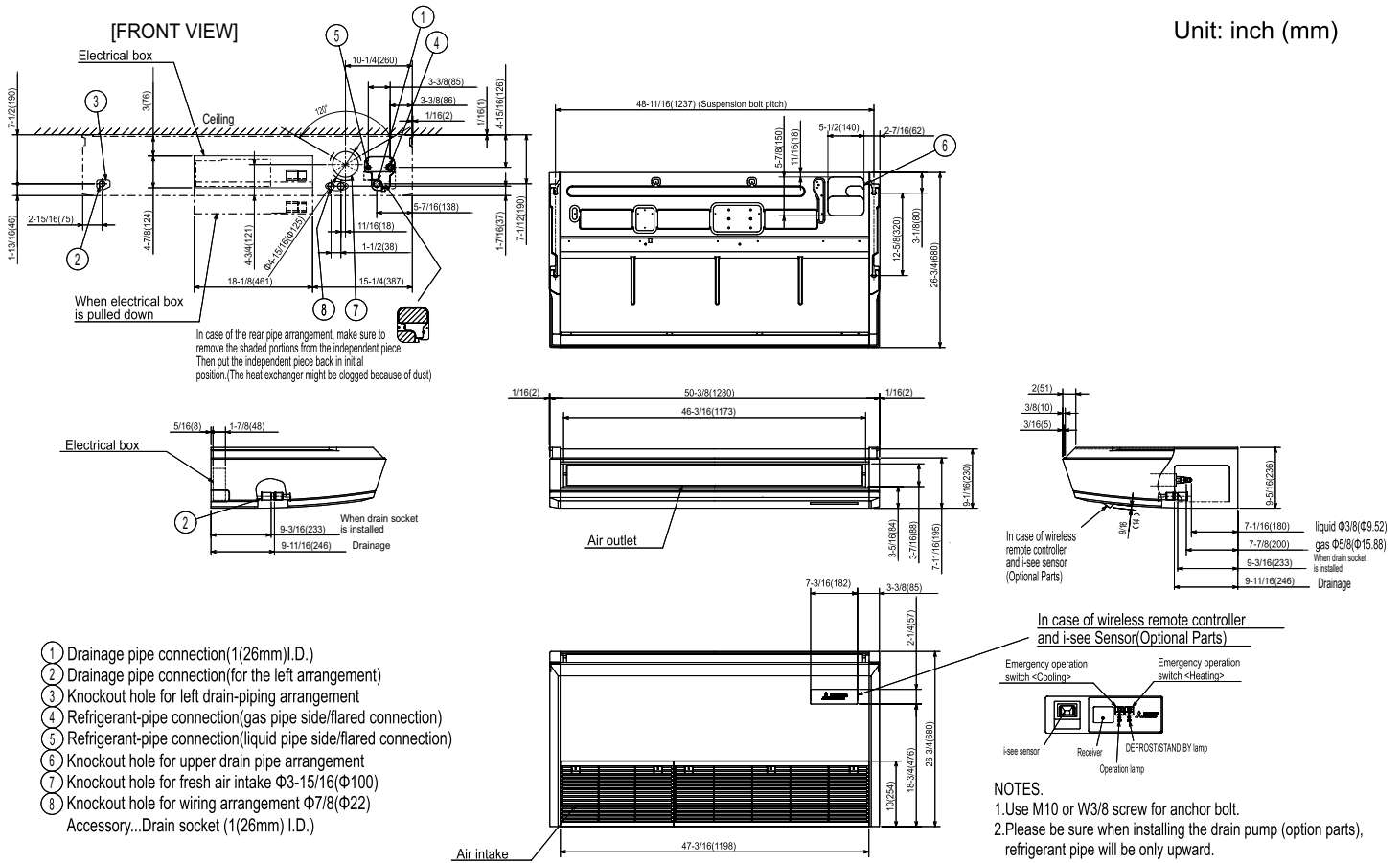
INDOOR UNIT ACCESSORIES: PCA-A24KA7

Control Interface	BACnet® and Modbus Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
	Lockdown bracket for remote controller	RCMKP1CB
	Remote Operation Adapter‡	PAC-SF40RM-E
	Thermostat Interface	PAC-US444CN-1
	USNAP Adapter	PAC-WHS01UP-E
Remote Sensor	Flush Mount Temperature Sensor	PAC-USSEN001-FM-1
	Remote Temperature Sensor surface mount	PAC-SE41TS-E
	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
Wired Remote Controller	Deluxe Wired MA Remote Controller†	PAR-40MAAU
	Simple MA Remote Controller†	PAC-YT53CRAU-J
	Touch MA Controller†	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Wireless MA Receiver	PAR-FA32MA-W
	Wireless MA Remote Controller	PAR-FL32MA-E
	Wireless Receiver Kit	PAR-SL93B-E
	Wireless Receiver Kit with i-See sensor™	PAR-SA92MW-E
Condensate	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
	Blue Diamond (MegaBlue Advanced) Condensate Pump w/ Reservoir & Sensor	X87-835
	Blue Diamond Sensor Extension Cable — 15 Ft.	C13-103
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 (MERV 8) Filter Element	PAC-SE81KF-E
Lineset	10' x 3/8" x 10' x 5/8" Lineset (Twin-Tube Insulation)	MPLS385812T-10
	100' x 3/8" x 100' x 5/8" Lineset (Twin-Tube Insulation)	MPLS385812T-100
	15' x 3/8" x 15' x 5/8" Lineset (Twin-Tube Insulation)	MPLS385812T-15
	30' x 3/8" x 30' x 5/8" Lineset (Twin-Tube Insulation)	MPLS385812T-30
	50' x 3/8" x 50' x 5/8" Lineset (Twin-Tube Insulation)	MPLS385812T-50
	65' x 3/8" x 65' x 5/8" Lineset (Twin-Tube Insulation)	MPLS385812T-65

NOTES:
‡PAC-SF40RM-E (Unable to use with wireless remote controller)

Unit: inch (mm)

[FRONT VIEW]

Electrical box

Ceiling

When electrical box is pulled down

In case of the rear pipe arrangement, make sure to remove the shaded portions from the independent piece. Then put the independent piece back in initial position.(The heat exchanger might be clogged because of dust)

Electrical box

When drain socket is installed

Drainage

Air outlet

Air intake

In case of wireless remote controller and i-see sensor (Optional Parts)

When drain socket is installed

Drainage

liquid Φ3/8(Φ9.52)
gas Φ5/8(Φ15.88)

In case of wireless remote controller and i-see Sensor(Optional Parts)

Emergency operation switch <Cooling>
Emergency operation switch <Heating>

i-see sensor
Receiver
DEFROST/STAND BY lamp
Operation lamp

1. Drainage pipe connection(1(26mm)I.D.)
2. Drainage pipe connection(for the left arrangement)
3. Knockout hole for left drain-piping arrangement
4. Refrigerant-pipe connection(gas pipe side/flared connection)
5. Refrigerant-pipe connection(liquid pipe side/flared connection)
6. Knockout hole for upper drain pipe arrangement
7. Knockout hole for fresh air intake Φ3-15/16(Φ100)
8. Knockout hole for wiring arrangement Φ7/8(Φ22)
   Accessory...Drain socket (1(26mm) I.D.)

NOTES.
1. Use M10 or W3/8 screw for anchor bolt.
2. Please be sure when installing the drain pump (option parts), refrigerant pipe will be only upward.

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