

Job Name:

System Reference:

Date:



GENERAL FEATURES

- Square edge, sleek design
- 3D turbo fan enabling increased airflow
- Built-in 3D i-see Sensor®*
- Improved installation features*
- Occupancy detection*
- Energy saving features*
- Improved occupant comfort
- Four fan speed settings including auto-fan
- Corner pocket design for simplified installation
- Built-in condensate lift mechanism designed to provide up to 33-7/16" of lift
- Ventilation air intake supported

**3D i-See sensor® settings requires the TAR-40MAA controller

Specifications			System
Unit Type			TPLFYP012EM140B
Cooling capacity (Nominal) ¹		BTU/H	12,000
Heating capacity (Nominal) ¹		BTU/H	13,500
Power source		Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz
Power Consumption	Cooling	kW	0.02
	Heating	kW	0.02
Current	Cooling	A	0.3
	Heating	A	0.3
MCA		A	0.39
Maximum Overcurrent Protection (MOCP)		A	15
External finish			Galvanized steel sheet
External Dimensions		In. [mm]	33-3/32 x 33-3/32 x 10-3/16 [840 x 840 x 258]
Net weight		Lbs [kg]	46 [21]
Heat exchanger			Cross fin (Aluminum fin and copper tube)
Fan	Type x quantity		Turbo fan x 1
	Airflow rate	CFM	494–530–565–565
	Motor type		DC motor
	Motor Output	kW	0.05
	Motor FLA	A	0.31
Sound pressure level (Measured in anechoic room)		dB(A)	27–29–30–31
Air filter			PP honeycomb (long life filter, anti-bacterial type)
Refrigerant		Type	R410A
Diameter of refrigerant pipe (O.D.)	Liquid (High Pressure)	In. [mm]	1/4 [6.35] Flare
	Gas (Low Pressure)	In. [mm]	1/2 [12.7] Flare
Diameter of drain pipe		In. [mm]	O.D. 1-1/4 [32]

NOTES:

Cooling | Indoor: 81° F (27° C) DB / 66° F (19° C) WB; Outdoor 95° F (35° C) DB

Heating | Indoor: 68° F (20° C) DB; Outdoor 45° F (7° C) DB / 43° F (6° C) WB

INDOOR UNIT ACCESSORIES: TPLFYP012EM140B

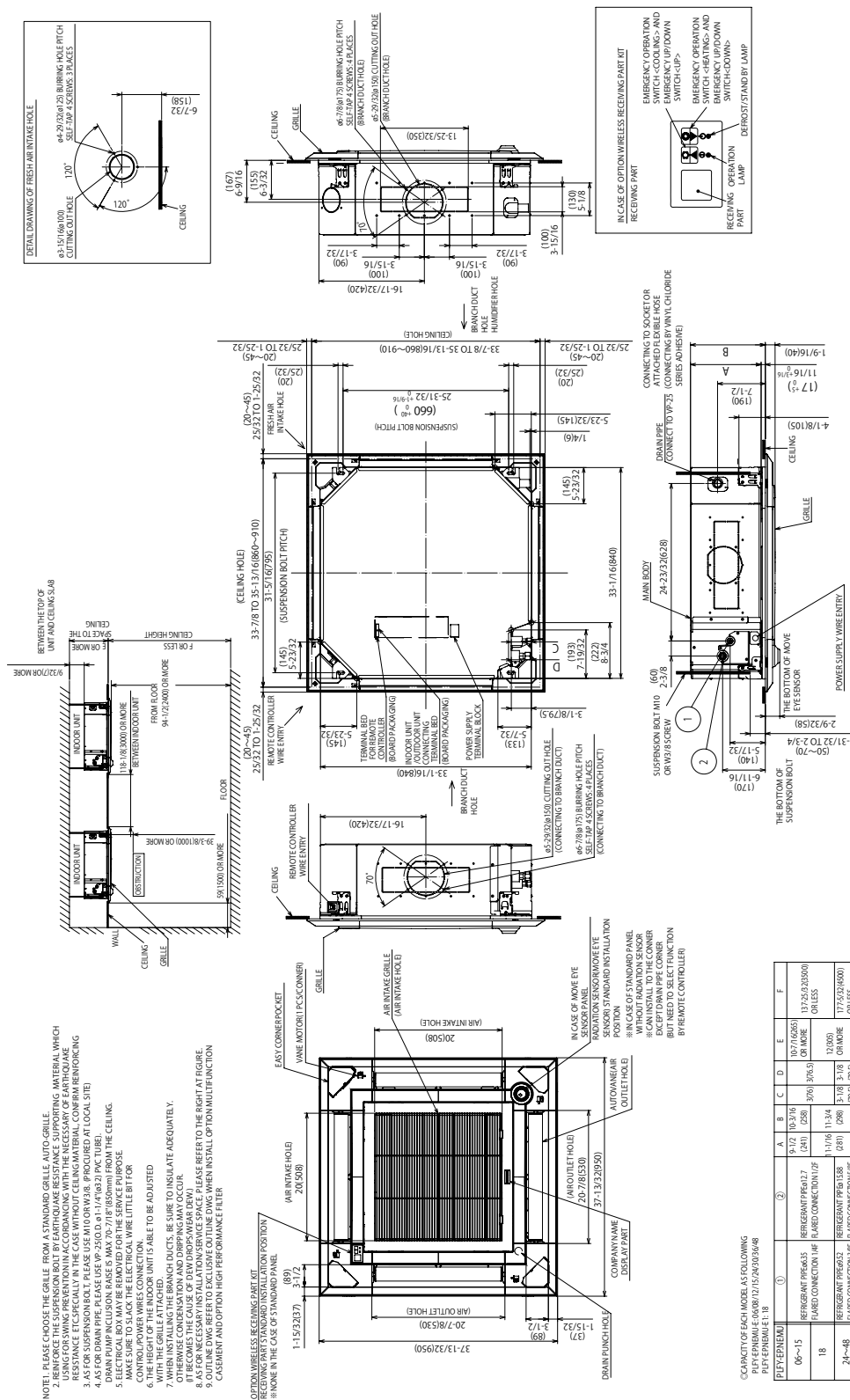
Control Interface	Backup Heat Relay Kit Adapter for CN24 or CN152 on ducted models	☐ CN24RELAY-KIT-CM3
	IT Extender for kumo station™	☐ PAC-WHS01IE-E
	kumo station™ for kumo cloud®	☐ TAC-WHS01HC-E
	Procon BACnet® and Modbus® Interface	☐ PAC-UKPRC001-CN-1
	Thermostat Interface for 3rd Party Thermostats	☐ PAC-US445CN-1
Remote Sensor	Flush Mount Remote Temperature Sensor for SEZ, SLZ, SVZ and all P-Series models	☐ PAC-USSEN002-FM-1
Terminal Signal Adapter	CN105 Adapter for older models without a CN105 connector	☐ PAC-IT52AD-E
	CN105 Wire Harness Adapter for CN51	☐ PAC-IT51AD-E
Wired Remote Controller	Simple Ductless Wired Remote Controller	☐ PAC-SDW01RC-1
	Simple MA Remote Controller	☐ TAC-YT53CRAU-J
	Smart ME Remote Controller	☐ TAR-U01MEDU-K
	Touch MA Wired Remote Controller	☐ TAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller & Receiver kit	☐ MHK2
	Universal Wireless MA Handheld Remote Controller	☐ TAR-FL32MA-E
	Universal Wireless Receiver for PAR-FL32MA-E	☐ PAR-SR32MA-E
	Wireless Handheld Remote Controller for SLZ, PLA, and PLFY models	☐ PAR-SL101A-E
	Wireless Receiver for PAR-SL101A-E on PLA-EA7 and PLFY-NEMU models	☐ PAR-SR4LU-E
	Wireless Remote Receiver Panel	☐ PAR-WCR003EA-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 MultiTank — collection tank for use with multiple pumps	☐ C21-014
	Blue Diamond Sensor Extension Cable — 15 Ft.	☐ C13-103
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	☐ COMBI
	Sauermann Condensate Pump	☐ SI30-230
Filter	High Efficiency Filter Element**	☐ PAC-SH59KF-E
Lineset		☐ Lineset 1/4x1/2
Shutter Plate	Shutter Plate	☐ PAC-SJ37SP-E

NOTES:

**High efficiency filter requires use of multi-function casement: PAC-SJ41TM-E

INDOOR UNIT DIMENSIONS: TPLFYP012EM140B

Unit: in (mm)



PUMP ENVELOPE	(1)	(2)	A	B	C	D	E	F
06-15	REFRIGERANT PFC635 FLARED CONNECTION 1/2"	REFRIGERANT PFC617 FLARED CONNECTION 1/2"	9/41	2/58	3/61	3/65.5	Ø 17.0625 Ø 17.06	Ø 17.25 (Ø 25.500) Ø 17.5 Ø 17.55
18	REFRIGERANT PFC632	REFRIGERANT PFC632	1/16	1/16	1/16	1/16	12.930	Ø 17.55 (Ø 25.400)
24-48	REFRIGERANT PFC632	REFRIGERANT PFC632	2/51	2/51	2/51	2/51	Ø 17.55 (Ø 25.400)	Ø 17.55 (Ø 25.400)

CAPACITY OF EACH MODEL AS FOLLOWING
PIFY.FPNTFMI.F-06/08/12/15/24/30/36/48