

Job Name:

System Reference:

Date:

**GENERAL FEATURES**

- Multi-position design is suitable for any application requires no additional kits, even for downflow configuration
- Highly efficient DC motor and a forward curved blower ensures quiet, consistent fan operation
- Selectable external static pressure: 0.30, 0.50 and 0.80 in.WG with 3 fan speeds at each static setting
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Positive pressure cabinet with air leakage of less than 2.0% at 1.0 In.WG (Tested per ASHRAE Standard 193)
- Unique blow through design allows simple coil cleaning when the blower is removed
- Optional electric heat kit for additional heat capacity
- Optional humidifier control and ERV control

Specifications		System	
Unit Type		TPVFYP048AM141A	
Cooling capacity (Nominal) ¹	BTU/H	48,000	
Heating capacity (Nominal) ¹	BTU/H	54,000	
Power source	Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz	
MCA	A	5.63	
Maximum Overcurrent Protection (MOCP)	A	15	
External finish		High-gloss polyester powder coated	
External Dimensions	In. [mm]	25 x 21-5/8 x 59-1/2 [635 x 548 x 1,511]	
Net weight	Lbs [kg]	172 [78]	
Heat exchanger		Cross fin (Aluminum fin and copper tube)	
Fan	Type x quantity	Sirocco fan x 1	
	External Static pressure	in.WG	0.30, 0.5, 0.8,
	Airflow rate	CFM	980-1,190-1,400
	Motor type		DC motor
Sound pressure level (Measured in anechoic room)	dB(A)	35-39-43	
Air filter		Polypropylene Honeycomb	
Refrigerant	Type	R410A	
Diameter of refrigerant pipe (O.D.)	Liquid (High Pressure)	In. [mm]	3/8 [9.52] Brazed
	Gas (Low Pressure)	In. [mm]	5/8 [15.88] Brazed
Diameter of drain pipe		In. [mm]	FPT 3/4 [19.05]

NOTES:

¹Cooling / Heating capacity indicated at the maximum value at operation under the following conditions:

Cooling | Indoor: 80° F (26.7° C) DB / 67° F (19.4° C) WB; Outdoor 95° F (35° C) DB

Heating | Indoor: 70° F (21.1° C) DB; Outdoor 47° F (8.3° C) DB / 43° F (6.1° C) WB

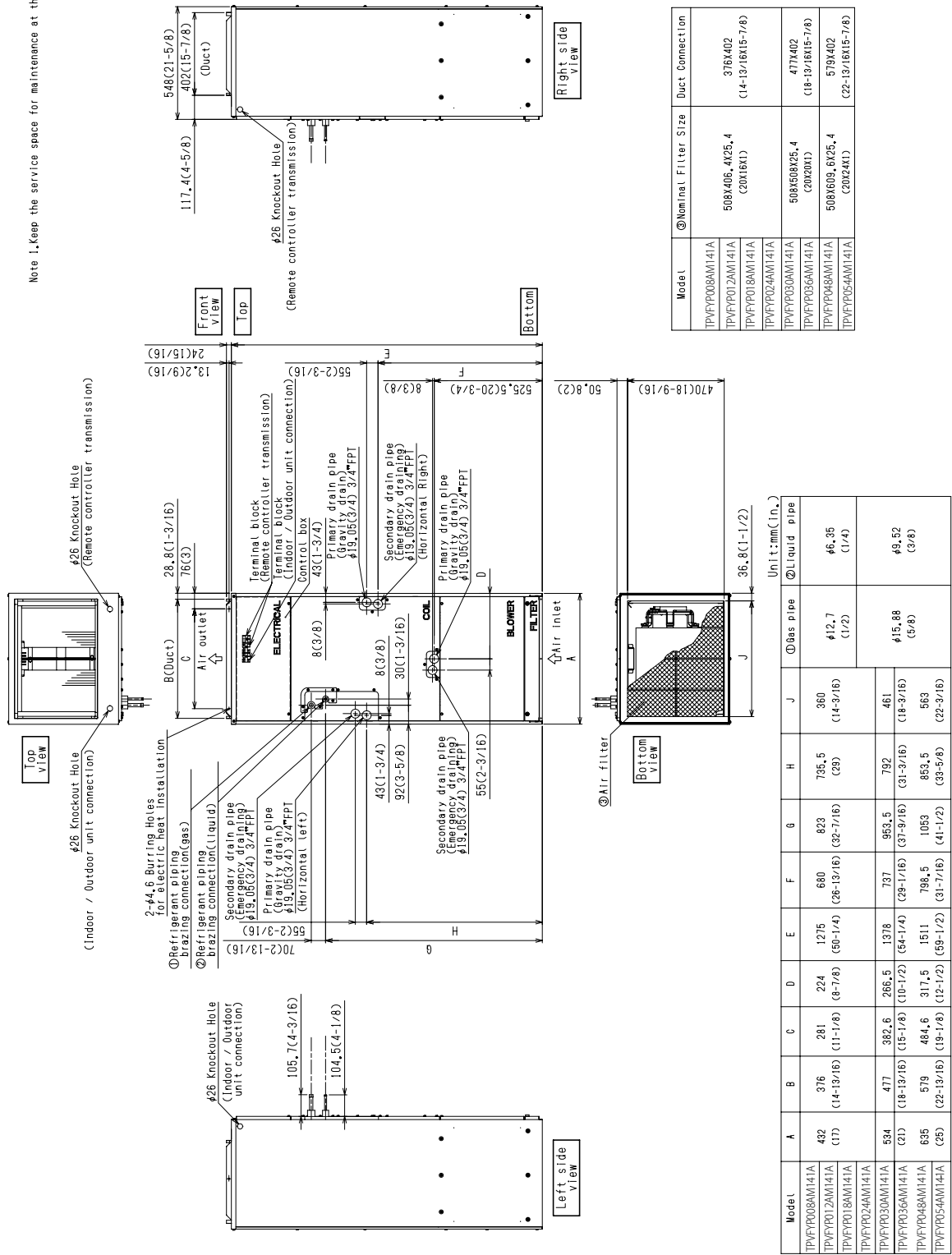
INDOOR UNIT ACCESSORIES: TPVFYP048AM141A

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®	TAC-WHS01HC-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
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
Terminal Signal Adapter	Terminal Signal Adapter	PAC-IT51AD-E
	Terminal Signal Adapter	PAC-IT52AD-E
Wired Remote Controller	Deluxe Wired MA Remote Controller†	TAR-40MAAU
	Simple MA Remote Controller†	TAC-YT53CRAU-J
	Smart ME Remote Controller - Backlit touchscreen	TAR-U01MEDU-K
	Touch MA Controller†	TAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Wireless MA Receiver	PAR-SR32MA-E
	Wireless MA Remote Controller	TAR-FL32MA-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 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
Electric Heat Lockout	Electric Heat Lockout	ETC-211020-MIT
Electric Kit Heats	10kW Electric Heater	EH10-MPA-LB
	15kW Electric Heater	EH15-MPAS-LB
	17kW Electric Heater	EH17-MPAS-LB

INDOOR UNIT DIMENSIONS: TPVFYP048AM141A

Units: mm (in.)

Note 1. Keep the service space for maintenance at the front.



Model	ⓄNominal Filter Size	Duct Connection
TPVFYP008AM141A		
TPVFYP012AM141A	508X406-4X25.4 (20X16X1)	378X402 (14-13/16X15-7/8)
TPVFYP018AM141A		
TPVFYP024AM141A		
TPVFYP030AM141A	508X508X25.4 (20X20X1)	477X402 (18-13/16X15-7/8)
TPVFYP036AM141A		
TPVFYP048AM141A	508X609-6X25.4 (20X24X1)	579X402 (22-13/16X15-7/8)
TPVFYP054AM141A		

Model	Unit:mm(in.)												
	A	B	C	D	E	F	G	H	J	ⓄGas pipe	ⓄLiquid pipe		
TPVFYP008AM141A	432	376	281	224	1275	680	823	785.5	360	$\phi 12.7$	$\phi 6.35$		
TPVFYP012AM141A	(17)	(14-13/16)	(11-1/8)	(8-7/8)	(50-1/4)	(26-13/16)	(32-7/16)	(29)	(14-3/16)	(1/2)	(1/4)		
TPVFYP018AM141A													
TPVFYP024AM141A	534	477	382.6	266.5	1378	737	953.5	792	461	$\phi 15.88$	$\phi 9.52$		
TPVFYP030AM141A	(21)	(18-13/16)	(15-1/8)	(10-1/2)	(54-1/4)	(29-1/16)	(37-9/16)	(31-3/16)	(18-3/16)	(3/8)	(3/8)		
TPVFYP036AM141A	635	579	484.6	317.5	1511	794.5	1063	853.5	563				
TPVFYP048AM141A	(25)	(22-13/16)	(19-1/8)	(12-1/2)	(59-1/2)	(31-7/16)	(41-1/2)	(38-5/8)	(22-3/16)				

