

Job Name:

System Reference:

Date:



## GENERAL FEATURES

- Dual set point functionality
- Multiple fan speed settings
- Auto fan mode
- 9-7/8" (250mm) high for low ceiling heights
- Built-in condensate lift; lifts to 27-9/16" (700 mm)
- Ducted fan coil supporting multiple configurations for flexible installation

Specifications		System	
Unit Type		TFEYP036MA144A	
Cooling capacity (Nominal) <sup>1</sup>		BTU/H	36,000
Heating capacity (Nominal) <sup>1</sup>		BTU/H	40,000
Power source		Voltage, Phase, Hertz	208/230V, 1-phase, 60 Hz
Power Consumption	Cooling	kW	0.222
	Heating	kW	0.22
Current	Cooling	A	2.01/1.82
	Heating	A	2.01/1.82
MCA		A	4.25
Maximum Overcurrent Protection (MOCP)		A	15
External finish			Galvanized steel sheet
External Dimensions		In. [mm]	55-1/8 x 28-7/8 x 9-7/8 [1,400 x 732 x 250]
Net weight		Lbs [kg]	84 [38]
Heat exchanger			Cross fin (Aluminum fin and copper tube)
Fan	Type x quantity		Sirocco fan x 3
	External Static pressure	in.WG	0.14, 0.2, 0.28, 0.4, 0.6 factory set to 0.2 In. WG
	Airflow rate	CFM	883-1,077-1,271
	Motor type		DC Motor
	Motor Output	kW	0.3
Sound pressure level (Measured in anechoic room)	Motor FLA	A	3.4
		dB(A)	35-39-43
Air filter			PP Honeycomb fabric
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]	O.D. 1-1/4 [32]

## NOTES:

<sup>1</sup>Cooling / 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

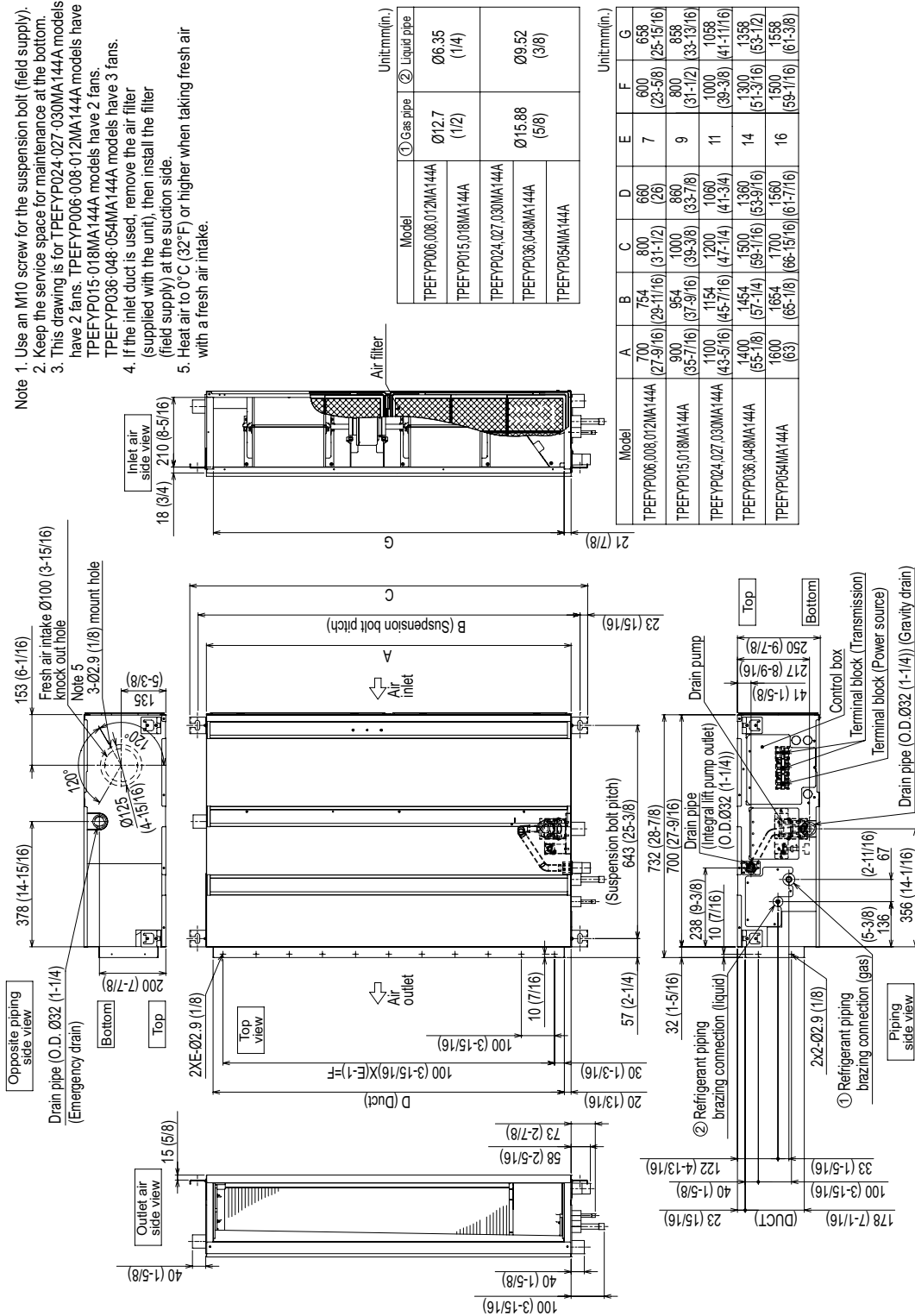
## INDOOR UNIT ACCESSORIES: TPEFYP036MA144A

Control Interface	3-Pin Connector	PAC-715AD
	BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	Connector and wire for Operation status/error using CN51	PAC-725AD
	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	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
	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	Wireless temperature and humidity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Terminal Signal Adapter	PAC-IT51AD-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
Filter Box	Filter Box with MERV 13 Filter	FBM2-4-A
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

# INDOOR UNIT DIMENSIONS: TPEFYP036MA144A

Unit : mm(in.)

- Note 1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for maintenance at the bottom.
3. This drawing is for TPEFYP024,027,030MA144A models, which have 2 fans. TPEFYP006,008,012MA144A models have 1 fan. TPEFYP015,018MA144A models have 2 fans. TPEFYP036,048,054MA144A models have 3 fans.
4. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.
5. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.



Model	① Gas pipe	② Liquid pipe	Unit:mm(in.)
TPEFYP006,008,012MA144A	Ø12.7	Ø6.35	(1/2) (1/4)
TPEFYP015,018MA144A			
TPEFYP024,027,030MA144A	Ø15.88	Ø9.52	(5/8) (3/8)
TPEFYP036,048MA144A			
TPEFYP054MA144A			

Model	A	B	C	D	E	F	G	Unit:mm(in.)
TPEFYP006,008,012MA144A	700 (27-9/16)	764 (29-11/16)	800 (31-1/2)	660 (26)	7	600 (23-5/8)	658 (25-15/16)	
TPEFYP015,018MA144A	900 (35-7/16)	954 (37-9/16)	1000 (39-3/8)	860 (33-7/8)	9	800 (31-1/2)	858 (33-13/16)	
TPEFYP024,027,030MA144A	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)	
TPEFYP036,048MA144A	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)	
TPEFYP054MA144A	1600 (63)	1654 (65-1/8)	1700 (66-15/16)	1560 (61-7/16)	16	1500 (59-1/16)	1558 (61-3/8)	