

(2) TPLA0A0181EA70B & (1) TRUZH0361KA00NA
18,000 BTU/H 3' X 3' CEILING CASSETTE



Job Name:

System Reference:

Date:



Indoor Unit.....(2) TPLA0A0181EA70B

Outdoor Unit.....(1) TRUZH0361KA00NA

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

OUTDOOR UNIT FEATURES

- Variable speed INVERTER-driven compressor
- High heating capacity: flash injection circuit maintains 100% heating capacity at 5°F outdoor temperature
- Wide heating range: heating performance down to -13°F (average of 80% heating capacity)
- High speed heating at start up: Hyper-Heating INVERTER® reduces the time for heating at start up by about half compared to standard models
- Suction accumulator pre-charged with refrigerant volume for piping length up to 100 ft.
- High pressure/temperature protection
- Built-in base pan heater
- Flash injection circuit provides efficient high heating capacities at low ambient temperatures

SPECIFICATIONS: (2) TPLA0A0181EA70B & (1) TRUZH0361KA00NA

Efficiency	SEER		
	EER ¹		
Electrical	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	V AC	198 - 253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	Recommended Fuse/Breaker Size (Outdoor)	A	35
	Recommended Wire Size [Indoor - Outdoor]	AWG	14
Indoor Unit	Power Supply		Indoor unit is powered by the outdoor unit
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.34
	Fan Motor Type		DC Motor
	Airflow Rate at Cooling, Dry	CFM	460–490–570–600
	Airflow Rate at Cooling, Wet	CFM	380–420–530–560
	Airflow Rate at Heating, Dry	CFM	420–460–570–600
	Sound Pressure Level [Cooling]	dB[A]	28–29–31–32
	Sound Pressure Level [Heating]	dB[A]	28–29–31–32
	Drain Pipe Size	In. [mm]	1-1/4 [32]
	Condensate Lift Mechanism, Maximum Distance	In. [mm]	33-7/16 [849]
	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 // 37-13/32 x 33-1/16 // 37-13/32 x 10-5/32 // 1-9/16 [840 // 950 x 840 // 950 x 258 // 40]
	Package Dimensions	W x D x H: In. [mm]	35-9/16 // 39-6/16 x 34-5/16 // 38-3/16 x 15 // 4-12/16 [903 // 1,000 x 871 // 970 x 381 // 121]
Indoor Unit Operating Temperature Range	Unit Weight	Lbs. [kg]	46 // 11 [21 // 5]
	Package Weight	Lbs. [kg]	68 [31]
	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
Outdoor Unit	MCA	A	24.0
	MOCP	A	42
	Fan Motor Output	W	74
	Airflow Rate [Cooling / Heating]	CFM	3880 / 3880
	Refrigerant Control		LEV
	Defrost Method		Reverse Cycle
	Sound Pressure Level, Cooling ¹	dB(A)	52
	Sound Pressure Level, Heating ²	dB(A)	53
	Compressor Type		Scroll
	Compressor Model		ANB33FJMMT
	Compressor Rated Load Amps	A	18
	Compressor Locked Rotor Amps	A	27.5
	Compressor Oil [Type // Charge]	oz.	FV50S // 1.4,47
	External Finish Color		Ivory Munsell 3Y 7.8/1.1
	Base Pan Heater		Built-in
	Unit Dimensions	W x D x H: In. [mm]	41-5/16 x 14-3/16 x 52-11/16 [1050 x 360 x 1338]
	Package Dimensions	W x D x H: In. [mm]	43 x 18 x 57 [1110 x 480 x 1440]
	Unit Weight	Lbs. [kg]	261 [118]
	Package Weight	Lbs. [kg]	285 [129]
Outdoor Unit Operating Temperature Range	Cooling Air Temp [Maximum / Minimum]*	°F	115 DB / 0 DB
	Heating Air Temp [Maximum / Minimum]	°F	70 DB, 59 WB / -13 DB, -13 WB
	Heating Thermal Lock-out / Re-start Temperatures**	°F	-22 / -13
Refrigerant	Type		R410A
	Pre-Charged Refrigerant Amount	Lbs, oz	11.0, 7.0
	Maximum Pre-Charged Piping Length	Ft. [m]	100.0 [30.0]
	Additional Refrigerant Charge Per Additional Piping Length	oz./Ft. [g/m]	.7 [56]
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]
	Maximum Piping Length	Ft. [m]	245 [75]
	Maximum Height Difference	Ft. [m]	100 [30]
	Maximum Number of Bends		15

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

Conditions

⁴Heating at 5°F (Indoor // Outdoor)

°F 70 DB, 60 WB // 5 DB, 4 WB

⁵Heating at -4°F (Indoor // Outdoor)

°F 70 DB, 60 WB // -4 DB, -5 WB

⁶Heating at -5°F (Indoor // Outdoor)

°F 70 DB, 60 WB // -5 DB, -6 WB

⁷Heating at -13°F (Indoor // Outdoor)

°F 70 DB, 60 WB // -13 DB, -14 WB

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

- Wind baffles required to operate below 23°F DB in cooling mode.
- 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.

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OUTDOOR UNIT ACCESSORIES: TRUZH0361KA00NA

Air Outlet Guide	Air Outlet Guide (1 Piece)	☐ PAC-SH96SG-E (two pieces are required)
Centralized Drain Pan	Central Drain Pan	☐ PAC-SH97DP-E
Control/Service Tool	Control/Service Tool	☐ PAC-SK52ST
Distribution pipe	Twinning Distribution Pipe (50:50)	☐ MSDD-50TR-E
Hail Guards	Hail Guard	☐ HG-A2
M-NET Converter	M-NET Converter	☐ PAC-SJ85MA-E
	M-NET Converter	☐ PAC-SJ95MA-E
Mounting Pad	Condensing Unit Mounting Pad: 24" x 42" x 3"	☐ ULTRILITE2
Optional Defrost Heater	Optional Defrost Heater	☐ PAC-SJ20BH-E
Stand	18" Dual Fan Stand	☐ QSMS1802M
	24" Dual Fan Stand	☐ QSMS2402M
	Condenser Wall Bracket	☐ QSWB2000M-1
	Condenser Wall Bracket - Stainless Steel Finish	☐ QSWBSS
	Outdoor Unit Stand — 12" High	☐ QSMS1202M
Wind Baffle	Front Wind Baffle	☐ WB-PA3 (two pieces are required)

NOTES:

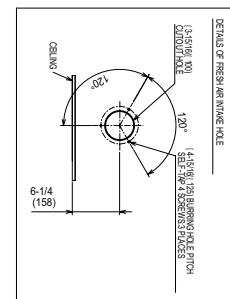
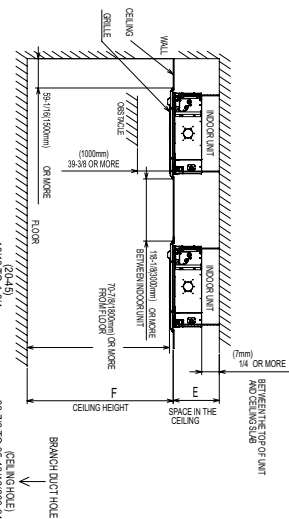
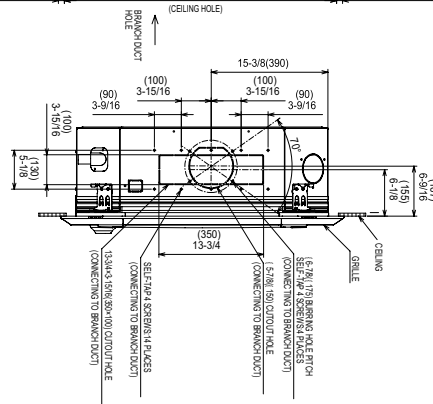
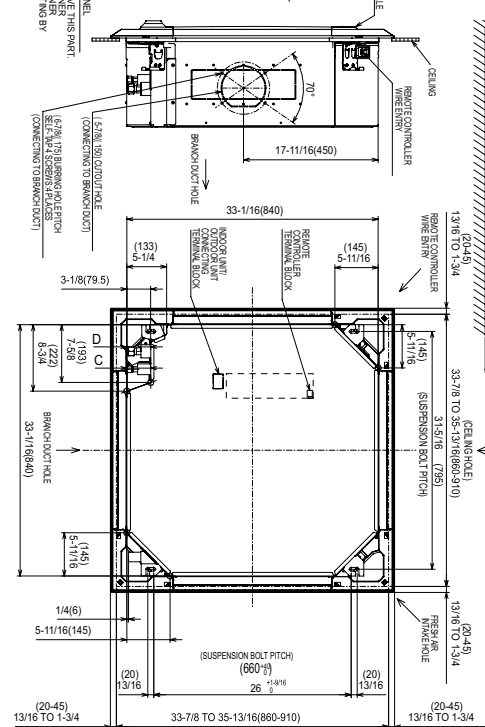
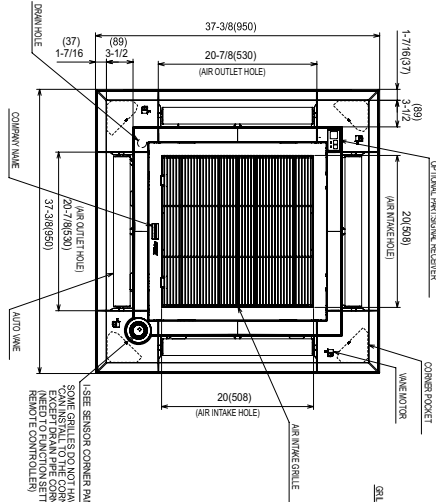
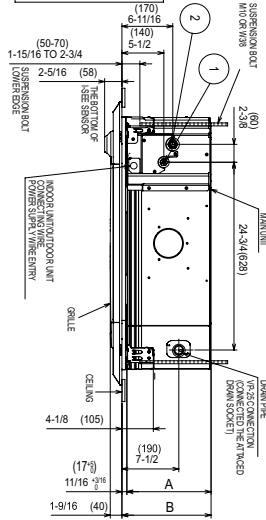
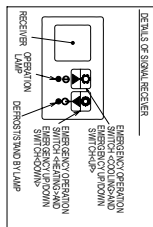
**Required Accessories for Twinned Indoor Units

- Distribution Pipe Kit (includes one distribution pipe each for liquid and gas, and choice of joint adapters):
MSDD-50TR-E
- Lineset 3/8" x 5/8":
 - 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: TPLA0A0181EA70B

Unit: inch (mm)

MODES	(1)	(2)	A	B	C	D	E	F
TOH KETUH	REFRIGERANT PIPES IS FLARED CONNECTION 1/4"	REFRIGERANT PIPE 1/2"	9-12 (28)	10-3/16 (28)	3/16 (28)	10-7/16 (28)	137-1/8 (590)	ON LESS
24003042 KETUH	REFRIGERANT PIPES IS FLARED CONNECTION 1/2"	REFRIGERANT PIPE 1/2"	12-11 (28)	11-1/4 (28)	3-1/8 (79)	13-1/8 (59)	171-3/4 (800)	ON LESS



3) AND 4) LOCATE THE SUSPENSION POINTS OF THE DRAIN PIPES. THE SUSPENSION DISTANCE AS NEEDED, AND 5) LOCATE THE SUSPENSION POINT OF THE DRAIN PIPES. THE SUSPENSION DISTANCE AS NEEDED, AND 6) LOCATE THE SUSPENSION POINT OF THE DRAIN PIPES. THE SUSPENSION DISTANCE AS NEEDED.

OUTDOOR UNIT DIMENSIONS: TRUZH0361KA00NA

Unit: mm<in>

