

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL



BREEZE™
 THE UNIVERSAL HEAT PUMP

AIR HANDLER/INDOOR UNITS:


WFH24Z193C, WFH36Z193C WFH48Z223C, WFH60Z223C

Features

- Universal compatibility to existing air handler or gas furnace
- Accommodates long piping runs up to 246 ft. and height differentials up to 98 ft.
- Precision Inverter® delivers efficiencies of up to 18.0 SEER2 and 9.5 HSPF2.
- Operates in extreme temperatures down to -13° F in heat pump mode, with cooling in temperatures as low as 5°F.
- Built-in base pan heater and optional auxiliary heater kit.
- Soft-Start™ technology for quiet start-up, and precise temperature control.
- Quiet operation as low as 38 dB(A).
- Ultra-compact design with a 40% smaller footprint than traditional and top-discharge units.
- Multi-position Air Handler.
- ENERGY STAR® Certified for Cold Climate models available.
- Eligible for many federal & local tax credit & rebate incentives.

INVERTER HEAT PUMP CONDENSER/OUTDOOR


WFPU17Z243C



WFPU18Z363C

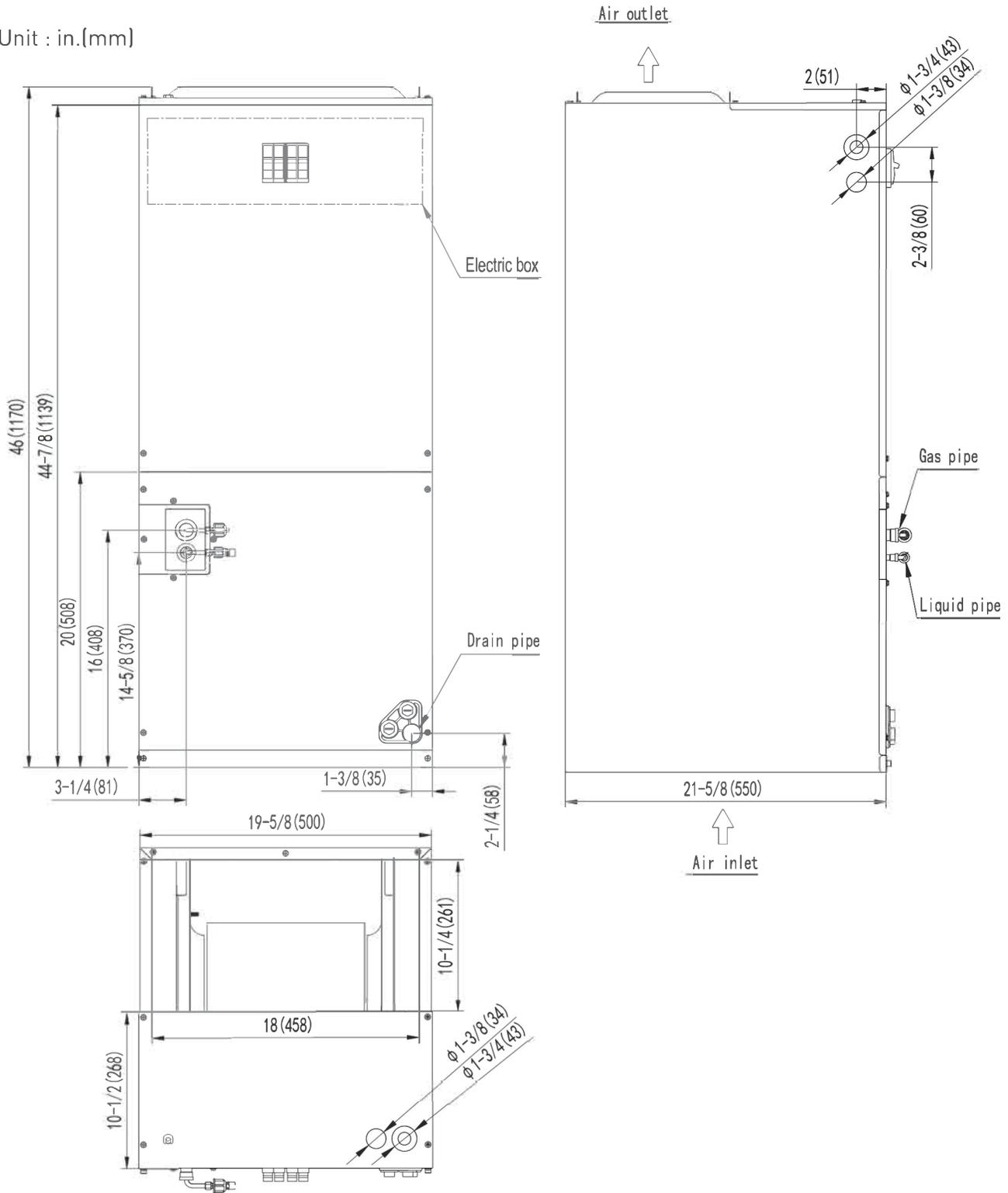


WFPU18Z483C, WFPU17Z603C

BREEZE™ | AIR HANDLER/INDOOR DIMENSIONS

AIR HANDLER/INDOOR MODELS: WFH24Z193C (2-TON), WFH36Z193C (3-TON)

Unit : in.(mm)



BREEZE™ | 3-TON UNIVERSAL HEAT PUMP SYSTEM

AIR HANDLER/INDOOR: WFH36Z193C

INVERTER HEAT PUMP CONDENSER/OUTDOOR: WFPU18Z363C



FEATURES

Universal compatibility to existing air handler or gas furnace

Maximum line length of 246 ft.

Heating down to -13°F (-25°C)

Built-in base pan heater

Optional auxiliary heater kit

Multi-position Air Handler



These products meet a stringent set of our company's internally defined sustainability standards



SYSTEM COMPONENTS	
Air Handler/Indoor Model Number	WFH36Z193C
Inverter Heat Pump Condenser/Outdoor Model Number	WFPU18Z363C
ELECTRICAL - Outdoor Unit	
Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	198 - 253
MCA - Outdoor Unit - A	23
Max Circuit Breaker - Outdoor Unit - A	35
MCA - Indoor Unit - A	4.8
Max Circuit Breaker - Indoor Unit - A	10
Rated Load Amperage (RLA) - A	17.6

CAPACITIES	
Cooling Capacity - Btu-h	36,000
Cooling Capacity Range - BTUh	11,800 - 36,800
Heating Capacity - Btu-h	35,000
Heating Capacity Range - BTUh	8,900 - 38,200

FAN SPEEDS	
Indoor Airflow Rate (H/M/L) - CFM rated	1,120
Outdoor Airflow Rate (H) - CFM	2,350

SOUND PRESSURE	
Indoor (H) - dB(A)	57
Sound Pressure Level Outdoor (H) - dB(A)	57

LINESET REQUIREMENTS	
Connection Pipe Diameter - Liquid - in (mm)	3/8 (9.52)
Connection Pipe Diameter - Gas - in (mm)	3/4 (19.05)
Minimum Lineset Length - ft (m)	10(3.04)
Maximum Lineset Length (Total) - ft (m)	246 (75)
Max Height Difference - ft (m)	98 (30)
Pre-charged Lineset Length -ft (m)	24.6 (7.5)

STATIC PRESSURE	
Static Pressure Range - inWG (Pa)	0 to 0.8 (0 to 200)

OUTDOOR TEMPERATURE OPERATING RANGE	
Cooling - °F (°C)	5 to 122 (-15 to 50)
Heating - °F (°C)	-13 to 75 (-25 to 24)

Voltage/Phase/Frequency	
Cooling - °F (°C)	61°F to 86°F (16°C to 30°C)
Heating - °F (°C)	61°F to 86°F (16°C to 30°C)
Moisture Removal pints/h (L/h)	4.6 (2.2)

EFFICIENCIES	
SEER2	18.00
EER2	10.10
HSPF2	9.50
COP2 @ 5 °F	2.05
ENERGY STAR®	Yes

NET DIMENSIONS & WEIGHTS	
Indoor Unit Net Dimensions (H x W x D) - in	46-1/8 x 19-5/8 x 21-5/8
Indoor Unit Net Dimensions (H x W x D) - mm	1,170 x 500 x 550
Indoor Unit Gross Dimensions (H x W x D) - in	49-5/8 x 22-1/2 x 25-3/8
Indoor Unit Gross Dimensions (H x W x D) - mm	1,260 x 570 x 645
Outdoor Unit Net Dimensions (H x W x D) - in	33 x 37-3/8 x 13-3/8
Outdoor Unit Net Dimensions (H x W x D) - mm	840 x 950 x 340
Outdoor Unit Gross Dimensions (H x W x D) - in	36-1/4 x 43-3/4 x 18 1/8
Outdoor Unit Gross Dimensions (H x W x D) - mm	920 x 1,110 x 460
Indoor Unit - Net Weight - lbs (kg)	140.0 (63.5)
Indoor Unit - Shipping Weight - lbs (kg)	163.1 (74)
Outdoor Unit - Net Weight - lbs (kg)	147.7 (67)
Outdoor Unit - Shipping - lbs (kg)	158.7 (72)

REFRIGERANT	
Refrigerant Type	410A
Refrigerant Weight - lb oz	6 lb 3 oz
Oil type	VG74

COMPRESSOR	
Compressor Type	Rotary Inverter

WARRANTY	
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Standard Warranty

10 Year Compressor, 7 Year Parts

Warranty with Registration

10 Year Compressor, 10 Year Parts



Note: Specifications are based on the following conditions:

Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C)DB/75°F (23.9°C) WB, Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) [Outdoor unit - indoor unit].

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.