

Job Name	
Order No.	

HITACHI

Submittal Data Sheet	PAS-48BUFASDQ1 / JPE48C3XG2HS1
48,000 Btu/hr Multi Position Heat Pump System	



Indoor Specifications				
Airflow Rate (cfm)	Cooling		Heating	
	H	M	H	M
	1575	1175	1575	1175
	L		L	
Sound (dBA)	925		925	
Dimensions (H x W x D) (in)	[60]x[21]x[20-1/2]			
Airflow Inlet (H x W) (in)	[18-5/8]x[20]			
Weight (Lbs)	129			
External Static Pressure (in. wc.)	1.0			

Outdoor Specifications		
Compressor	ATH356SKRC9EQ	
Refrigerant	R32	
Factory Charge (Lbs)	7.5	
Refrigerant Oil	RmM68EA or Equivalent	
Airflow Rate (cfm)	Cooling	Heating
	2823	2823
Sound Pressure Level (dBA)	56	
Dimensions (W x H x D) (in)	[37-13/32]x[54-21/64]x[12-19/32]	
Weight (lbs)	250	

Recommended cable between Outdoor and Indoor 14AWG - 18AWG 4 conductors stranded copper wire and Power wiring cable size must comply with applicable national and local codes.

Efficiency			
Cooling		Heating	
SEER2	18.0	HSPF2	8.5
EER2	11.7	COP	3.6

Performance	
Cooling(Btu/hr)	
Rated(Min/Max)	48000(15000/52000)
Sensible@AHRI	38103
Operating Range	0°F~115°F
Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB	

Heating(Btu/hr)	
1: @ 47° Rated (Min/Max)	48000(15000/52600)
2: @ 17° Rated	40000
3: @ 5° Max: Capacity / COP	36400/2.0
Operating Range	-13°F~75°F

- 1: Rated Heating Conditions: Indoor: 70°F DB/60°F WB
Outdoor: 47°F DB/43°F WB
- 2: Rated Heating Conditions: Indoor: 70°F DB/60°F WB
Outdoor: 17°F DB/15°F WB
- 3: Heating Conditions; Compressor Operating at Max Frequency: Indoor: 70°F DB/60°F WB
Outdoor: 5°F DB/5°F WB

Electrical		
	208/60/1	230/60/1
System MCA	22.2	22.2
System MFA	35	35
Compressor RLA	11.5	11.5
Outdoor fan motor FLA	0.62	0.62
Outdoor fan motor W	138	138
Indoor Fan Motor FLA	-	5.4
Indoor Fan Motor W	-	559

MFA: Max. fuse amps MCA: Min. circuit amps (A) FLA: Full load amps (A) RLA: Rated load amps (A) W: Fan motor rated output (W)

Piping	
Liquid (in)	3/8
Gas (in)	7/8
Drain (in)	4/5
Max. Interunit Piping Length (ft)	246
Max. Interunit Height Difference (ft)	98.4
Chargeless (ft)	98.4
Additional Charge of Refrigerant (oz/ft)	0.376

Optional Accessories:

Description		Part Number
Wired Remote Controller		CIW03-H
Wireless Remote Controller		PC-LH8QE
AHU Control Box		AIRCOREAHUKIT1
airCloud Adapter		GA-WFG-N
Mini Central Controller		CCM01
Large Central Controller		CCL01
Central Touchscreen Controller		CCXL02
5 Wire Thermostat Adapter		C3STAT01
5 Wire Thermostat, Wi-Fi, Modbus/Bacnet Adapter		C4STAT01
Remote Control Cable 16.4 ft		PRC-5K
Remote Control Cable 32.8 ft		PRC-10K
Remote Control Cable 49.2 ft		PRC-15K
Motion Sensor Kit		SOR-NEZ
BACnet/Modbus Gateway		HBN200-PRO
Filter Rack		S1-1BR01121
Electric Heaters		
Heater Kit Models	Nom. kW [®] 240V	JPE48C3*G
S1-8HK(0,1)6500206	2.4kW	#2
S1-8HK(0,1)6500506	4.8kW	#2
S1-8HK(0,1)6500806	7.7kW	#3
S1-8HK(0,1)6501006 S1-8HK06501025	9.6kW	#3
S1-8HK(1,2)6501506 S1-8HK06501525	14.4kW	#3
S1-8HK(1,2)6502006 S1-8HK16502025	19.2kW	#4

Dimensional Data:

Indoor Unit:

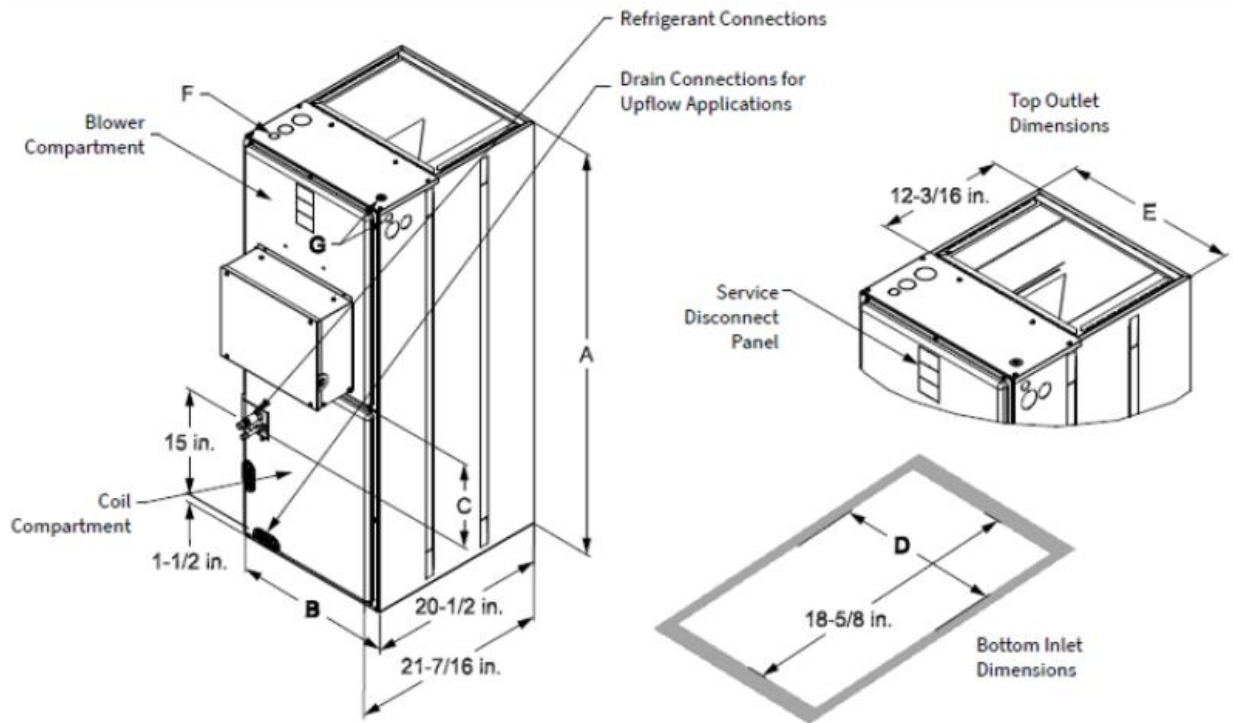


Table 8: Dimensions

Unit: inch.

Models	Dimensions					Wiring knockouts (actual conduit size)		Refrigerant connections line size	
	A	B	C	D	E	F	G	Liquid	Vapor
	Height	Width	Opening widths			Power	Control		
JPE18B3XB2HS1A	45-5/8	17-1/2	7-1/2	16-1/2	16-1/2	7/8 (1/2) 1 3/8 (1) 1 23/32 (1 1/4)	7/8 (1/2)	3/8	3/4
JPE24B3XC2HS1A	48-3/8	17-1/2	10	16-1/2	16-1/2				
JPE30B3XD2HS1A	48-3/8	17-1/2	10	16-1/2	16-1/2				
JPE36B3XD2HS1A	48-3/8	17-1/2	10	16-1/2	16-1/2				
JPE48C3XG2HS1A	60	21	21-3/4	20	20			7/8	

Outdoor Unit:

