Job Name:	
Order No.	

HITACHI

Submittal Data Sheet

RAC-DJ12WHAA / RAK-DJ12PHAA

12000 Btu/hr Wall Mount Heat Pump System





Efficiency

Cooling		Heating	
SEER2	19.5	HSPF2	9.2
EER2	12.00	COP2	3.2

Performance

Cooling (Btu/hr)

Rated(Min/Max)	12000 (4700/13200)
Sensible@AHRI	8330
Operating Range	-0.4°F~114.8°F

Indoor: 80°F DB/67°F WB
Outdoor: 95°F DB/75°F WB

Heating (Btu/hr)

1:@ 47° Rated (Min/Max)	13000(5500/14500)
2: @ 17° Rated	8400
3: @ 5° Max: Capacity / COP	10250 / 2.15
Operating Range	-5°F~75.2°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

Indoor Specifications

	Cooling		Heating	
Airflow Rate (cfm)	H	M	H	M
	490	390	480	340
	L		L	
	330		300	
Sound (dBA)	46		46	
Dimensions (H × W × D) (in)	11.02 X 30.71 X 8.74			
Airflow Inlet (H x W) (in)	3.5 X 25.4			
Weight (Lbs)	18.74			

Outdoor Specifications

Compressor	GSD102TKTA8JT6B	
Refrigerant	R32	
Factory Charge Lbs (kg)	1.76 (0.8)	
Refrigerant Oil	ACS-68R 320ml	
Airflow Rate (cfm)	Cooling	Heating
	1225	1225
Sound Pressure Level (dBA)	51	
Dimensions (H × W × D) (in)	22.44 X 29.53 X 11.02	
Weight (Lbs)	75	

Electrical

	208/60/1	230/60/1
System MCA	9	9
System MFA	15	15
Compressor RLA	6.5	6.5
Outdoor fan motor FLA	2.38	2.38
Outdoor fan motor W	47	47
Indoor fan motor FLA	0.45	0.45
Indoor fan motor W	38	38

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)	1/4
Gas (in)	3/8
Drain (in)	5/8
Max. Interunit Piping Length (ft)	82
Max. Interunit Height Difference (ft)	49.2
Chargeless (ft)	49
Additional Charge of Refrigerant (oz/ft)	0.11

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.

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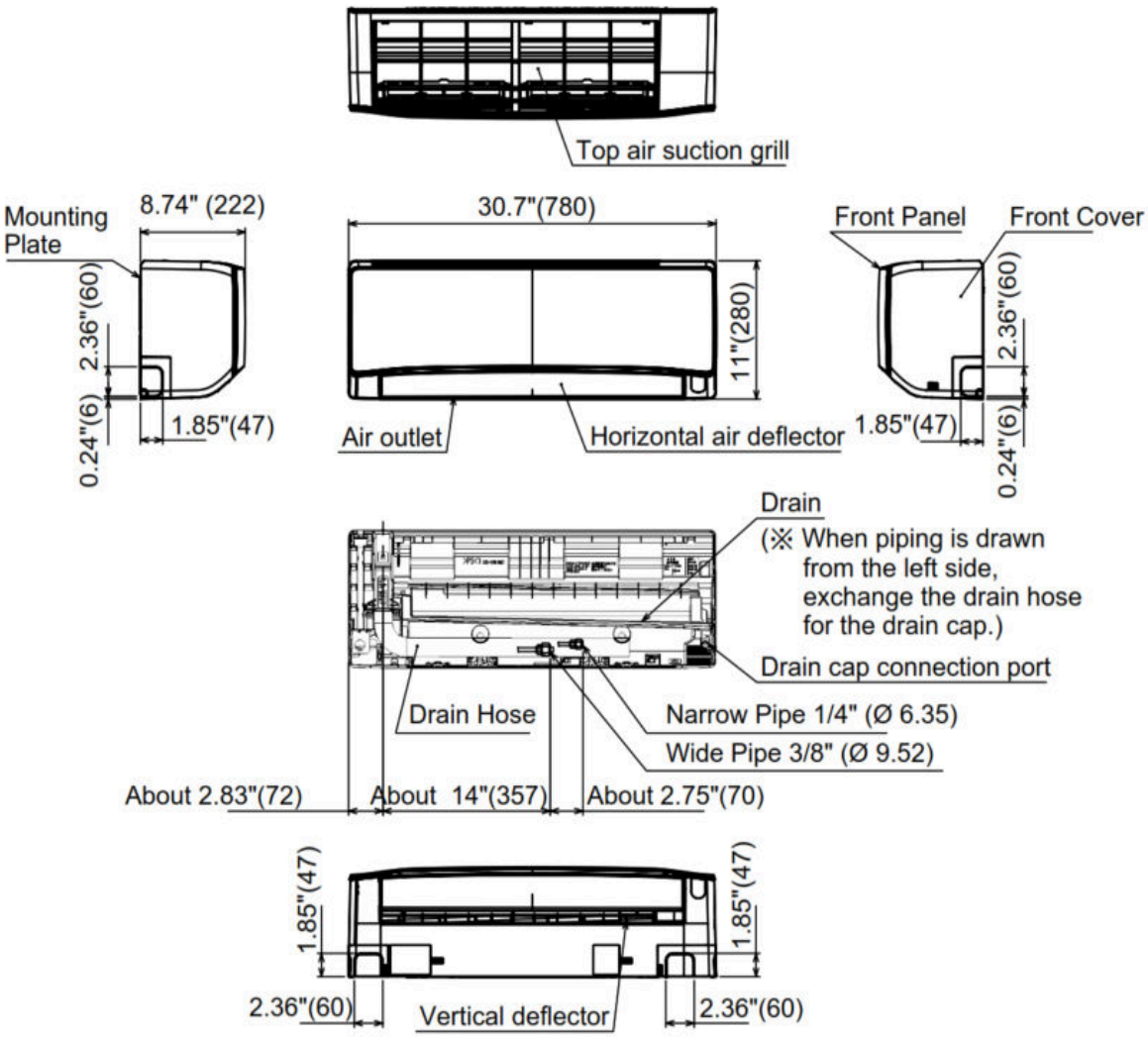
Optional Accessories

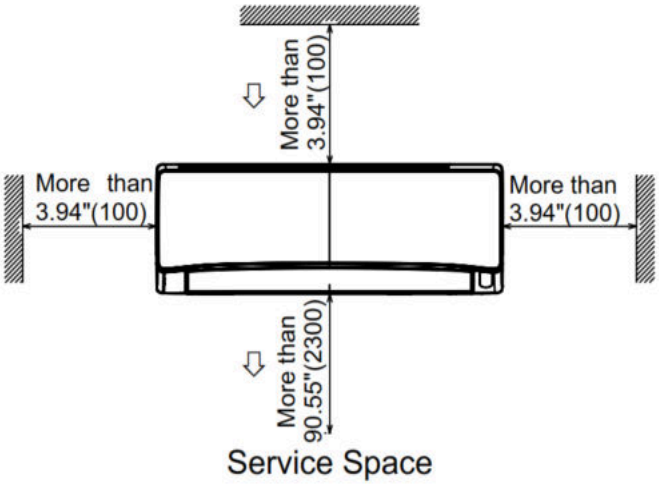
Description	Part Number
Remote Controller (Included) – N1	PMK-DJ09PHAAR05
Remote Control Support (Included)	PMK-DJ09PHAAR06
Remote Controller French – N3	PMK-DJ09PHAAR95
Wired Controller	SPX-URFG1
16.4 ft (5m) wire cable for SPX-URFG1	SPX-WKT5M
Wi-Fi Adapter	SPX-WFA01
H-Link Adapter IDU	PSC-6RAD
Adapter for Wired Remote Group Controller	SPX-DST1
26.2 ft (8m) Wire Cable for Distributor SPX-DST1	SPX-WDST8M
Dry Contact	SPX-WDC3
ON/OFF Status and Alarm Signal	SPX-WDC8
Mini Aqua Univolt 100V – 250V	DPWM-83819
Condenser Stand	DL87743
Condenser Wall Bracket	DL87733
Test Switch Jig	PMRAC-X40G2 501

Dimensional Data

INDOOR UNIT

Unit: Inch (mm)

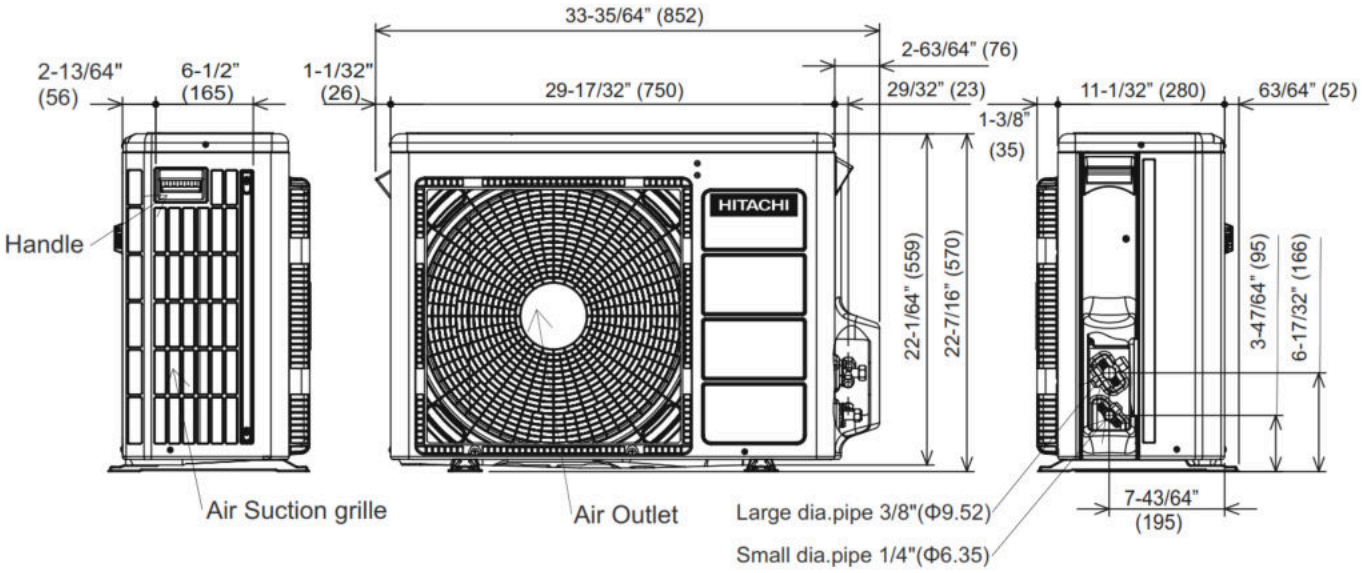


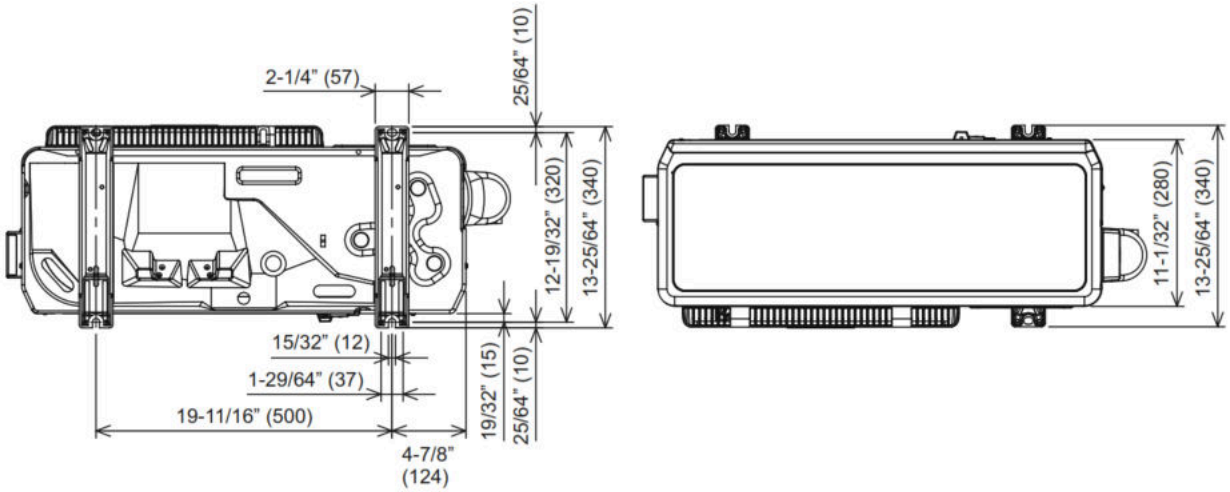


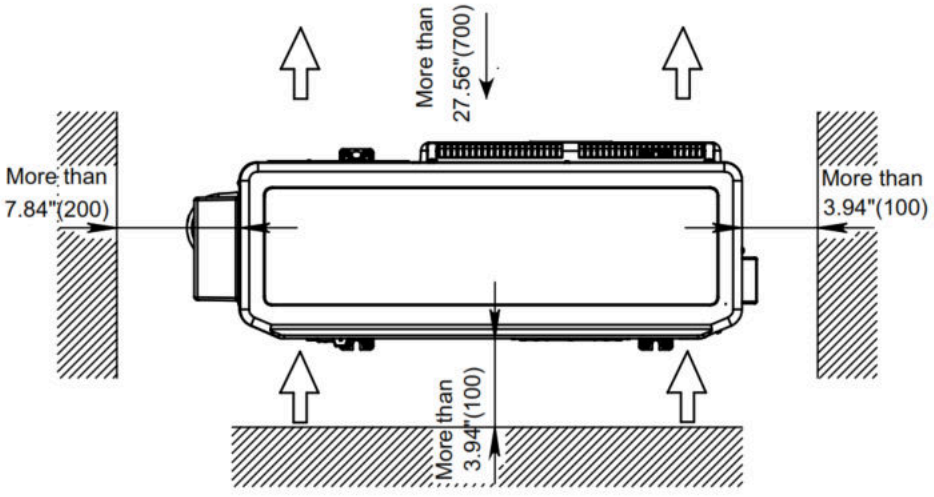
Dimensional Data

OUTDOOR UNIT

Unit: Inch (mm)







Service space