Job Name:	
Order No.	

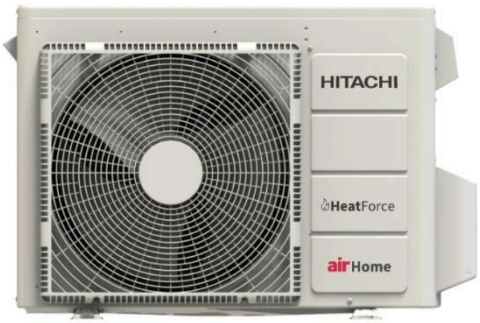
HITACHI

Submittal Data Sheet

RAC-GJ12WHAA / RAK-GJ12PHAA

12000 Btu/hr Wall Mount Heat Pump System





Efficiency

Cooling		Heating	
SEER2	20.0	HSPF2	11.1
EER2	13.0	COP	3.8

Performance

Cooling (Btu/hr)

Rated(Min/Max)	12000(5000/13600)
Sensible@AHRI	12000
Operating Range	-0.4 ~114.8 (-18 ~ 46)

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

Heating (Btu/hr)

1:@ 47° Rated (Min/Max)	14500(5500/18000)
2: @ 17° Rated	9800
3: @ 5° Max: Capacity / COP	14500/1.8
Operating Range	-13 ~75.2 (-25~24.0)

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)	Hi2	Hi	Hi2	Hi
	415	400	457	454
	M	L	M	L
	311	177	338	251
Sound (dBA)	46		46	
Dimensions (W × H × D) (in)	37.40x11.57x9.06			
Airflow Inlet (H x W) (in)	3.5 X 31.4			
Weight (Lbs)	24.3			

Outdoor Specifications

Compressor	GTD130UKSA8JT8B	
Refrigerant	R32	
Factory Charge Lbs (kg)	2.45 (1.11)	
Refrigerant Oil	ACS-68R 440ml	
Airflow Rate (cfm)	Cooling	Heating
	1875	1875
Sound Pressure Level (dBA)	52	
Dimensions (W × H × D) (in)	33.46x25.59x11.73	
Weight (Lbs)	91	

Electrical

	208/60/1	230/60/1
System MCA	14	14
System MFA	15	15
Compressor RLA	10	10
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	30	30

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

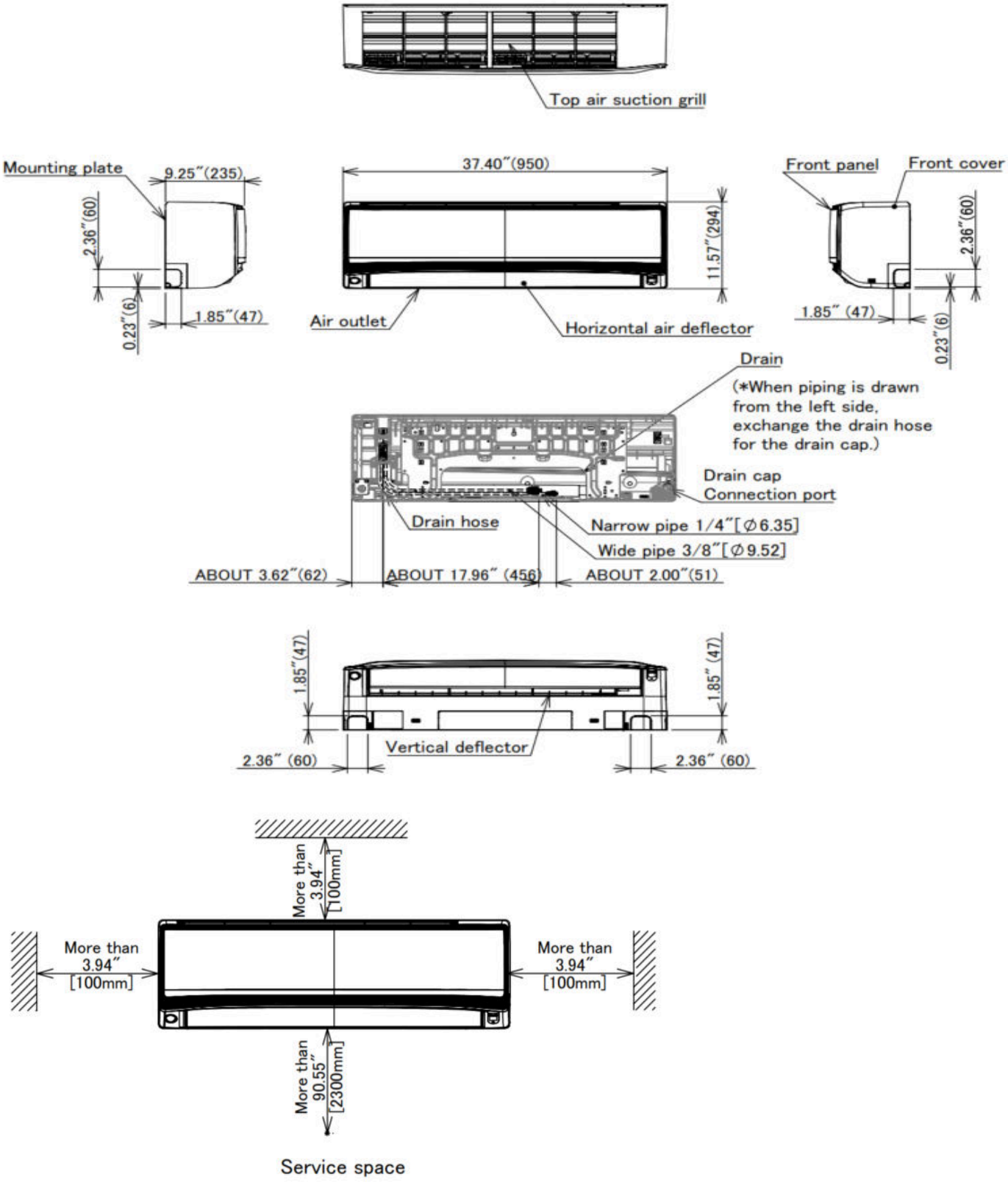
Description	Part Number
Remote Controller (Included) – N2	PMK-GJ09PHAAR04
Remote Control Support (Included)	PMK-DJ09PHAAR06
Remote Controller French – N4	PMK-GJ09PHAAR94
Wired Controller	SPX-URFG1
16.4 ft (5m) wire cable for SPX-URFG1	SPX-WKT5M
Wi-Fi Adapter (Included)	SPX-WFA01
H-Link Adapter IDU	PSC-6RAD
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)

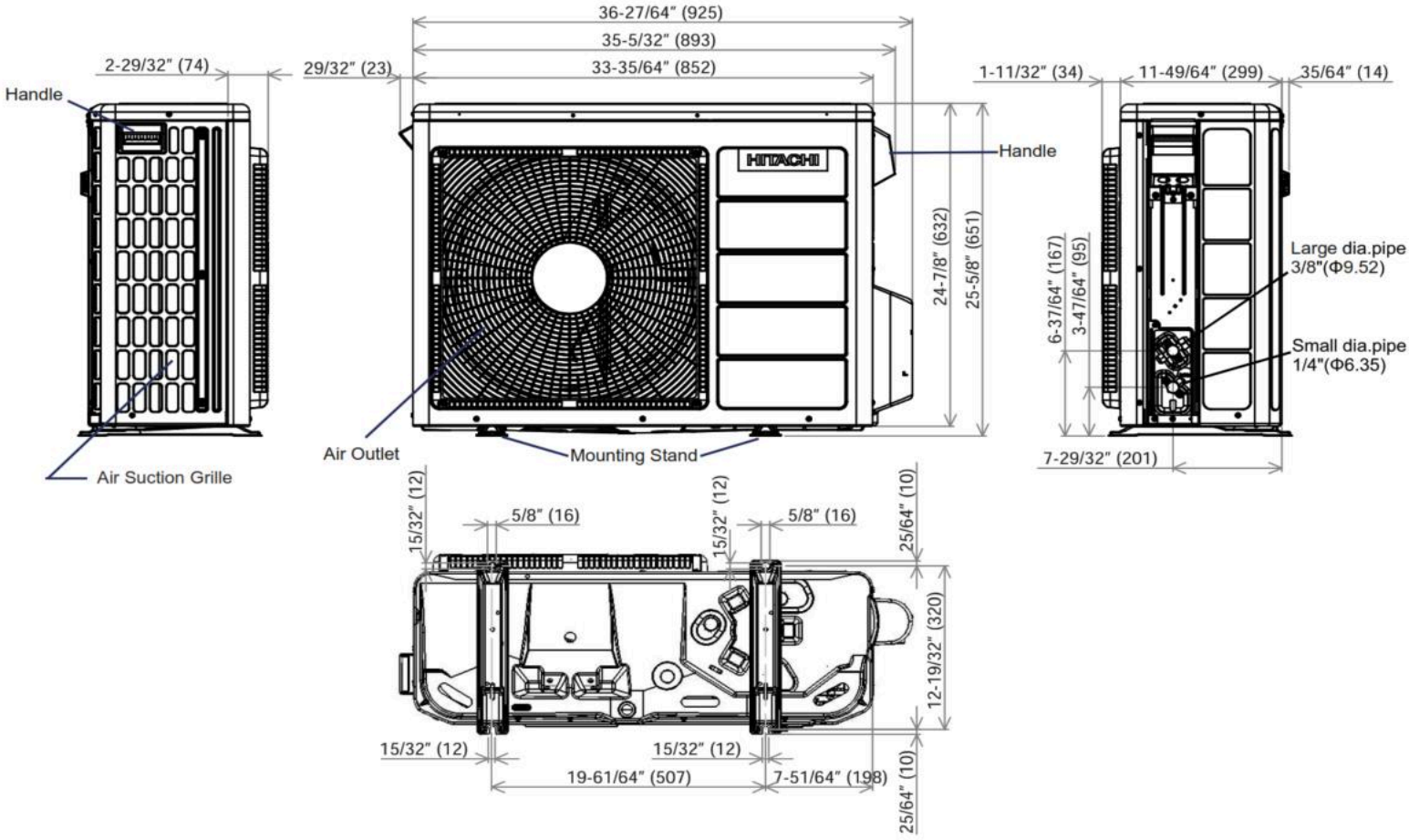
MODEL : RAK-GJ09PHAA , RAK-GJ12PHAA

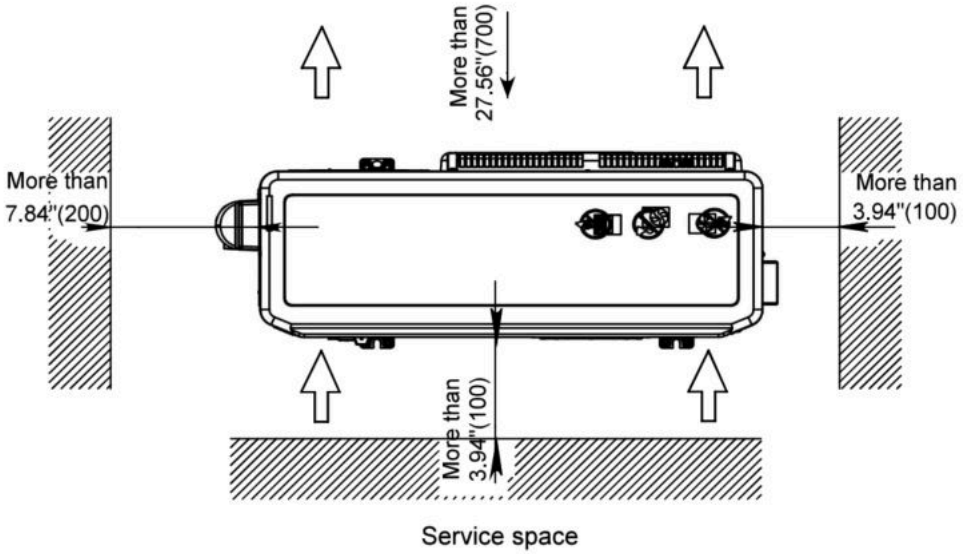


Dimensional Data

OUTDOOR UNIT

Unit: Inch (mm)





Service space