

H700

DETAILS

Job Name	Location	
Purchaser	Order Number	
Engineer		
Submitted to	For	Ref
	Approval	Construction
Submitted by	Date	
Unit Designation	Schedule#	Model#

GENERAL DATA

IDU	RAS-PH12PHLAE			
ODU	RAC-PH12WHLAE			
Rated Performance	Rated Cooling Capacity	BTU/h	12000	
	Cooling Capacity (Min-Max)	BTU/h	(2400) - 14000	
	Rated Heating Capacity	BTU/h	14500	
	Heating Capacity (Min-Max)	BTU/h	(4700) - 19000	
	EER		13.0	
	SEER		20.5	
	HSPF		12.2	
	COP at 47°F		4.0	
	COP at 17°F		2.15	
	COP at 5°F		1.90	
	Heating Capacity at +17 F (-8 C)	BTU/h	17600	
	Heating Capacity at +5 F (-15 C)	BTU/h	14500	
	Heating Capacity at -4 F (-20 C)	BTU/h	12000	
	Moisture Removal	l/h	1.2	
Electrical Data	Rated Voltage	V-Ph-Hz	208-230/1/60	
	Rated Power Input (Cool / Heat)	W	925/1060	
	Rated Cooling Current	Amps	4.10	
	Rated Heating Current	Amps	4.90	
	MCA	Amps	12	
	MOP	Amps	15	
	Rated Input current of power conversion equipment	Amps	0.45	
	Rated Input current of power conversion equipment	Amps	8.2	
	Indoor Unit	Set Temp Range	F (C)	60°F-90°F (16°C-32°C)
Airflow (H/M/L/SL)-Cool		CFM	400/310/250/230	
Airflow (H/M/L/SL)-Heat		CFM	460/370/280/230	
Sound Pressure Level (H/M/S/SL)-Cool		dB(A)	46/41/34/30	
Sound Pressure Level (H/M/S/SL)-Heat		dB(A)	46/40/34/30	
Unit Dimension (WxHxD)		inch (mm)	35.43x11.81x9.05 (900x300x230)	
PACKING Dimension (WxHxD)		mm	970 x 300 x 360	
Net / Gross Weight		lbs (kg)	24.3/28.7 (11/13)	
Outdoor Unit		Operation Range - Cooling	F (C)	-0.4°F to 114.8°F (-18°C to +46°C)
	Operation Range - Heating	F (C)	-13°F to 75.2°F (-25°C to +24°C)	
	Refrigerant		R410A	
	Refrigerant Charge	oz (kg)	48.33 (1.37)	
	Sound Pressure Level (High)-Cool	dB(A)	49	
	Sound Pressure Level (High)-Heat	dB(A)	52	
	Unit Dimension (WxHxD)	inch (mm)	33.46x25.59x11.73 (850x650x298)	
	PACKING Dimension (WxHxD)	mm	1008 x 690 x 404	
	Maximum Allowable Pressure	PSIG(Mpa)	594.65(4.10)	
	Net / Gross Weight	lbs (kg)	94.8/102.5 (43/46.5)	
	Piping	Max Total Piping Length	Ft (m)	98.5ft (30)
		Max Total Piping Height	Ft (m)	65.6ft (20)
		Piping Connection - Liquid	inch	1/4
		Piping Connection - Gas	inch	3/8
Piping Connection - Drain		inch	Dia-0.657	

Nominal testing conditions:
 Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Outdoor 95°F DB / 75.2°F WB (35°C DB / 24°C WB)
 Heating - Indoor 68°F DB / 59°F WB (20°C DB / 15°C WB) & Outdoor 44.6°F DB / 42.8°F WB (7°C DB / 6°C WB)
 For more information on this product, please refer to Installation manual, Service manual and Engineering manual

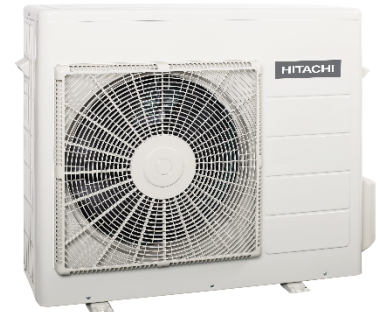
PRODUCT

SINGLESPLIT Wall Mount 12k 208-230V

Solutions (Heat Pump type)

1. 100% Heating Capacity @5F
2. Auto IDU and ODU Frost Wash
3. Smart Speaker Compatible with Wifi Adapter
4. Stainless Pre-filter
5. Optional H-Link
6. Air Purifying Active Carbon PM2.5 Filter

IMAGES



RAR-MOB6
Standard Controller



SPX-RCDB1
Optional Controller



SPX-WKT4
Optional Controller

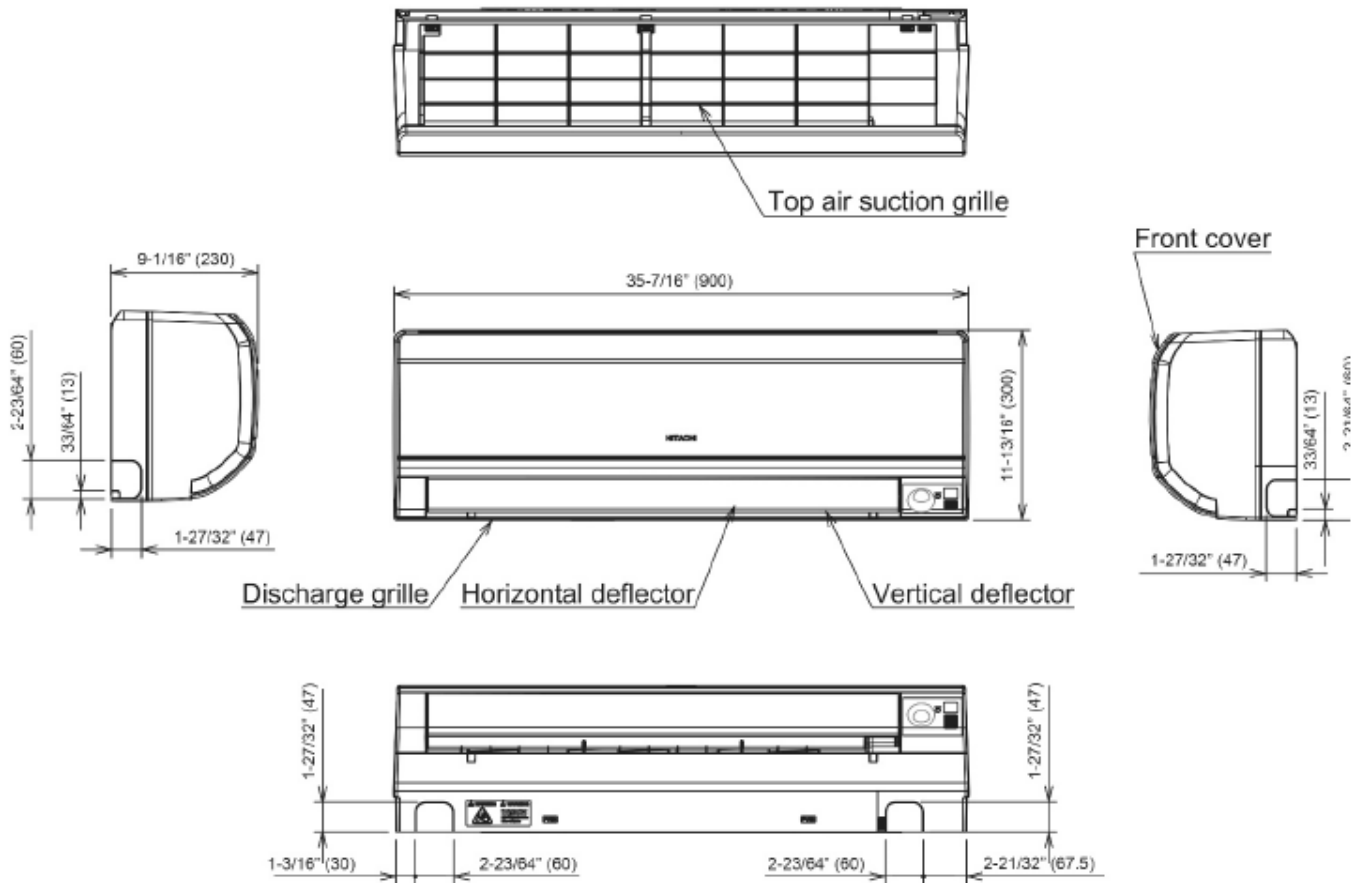
Some Optional Accessories

Part number	Description
PSC-6RAD	H-link adaptor compatible with CCL01 Central Controller BMS
SPX-DST1	Distributor for wired remote controller
SPX-WDC8	ON/OFF Status and Alarm Signal
SPX-WDC3 (SPX-WDC2)	Dry Contact Cable (For Duct and Cassette IDU Only)

Unit: in (mm)

HITACHI

IDU: RAS-PH12PHLAE 12k Btu



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