

Summit

Summit cut out wall mounted unit

RAS/RAC Technical Description

Hitachi have now extended their Summit range to include the new Cut Out Wall Mounted unit. With heating and cooling capacities from 2.5kW to 5.0 kW the Cut Out wall mounted unit incorporates all the features that are expected from Hitachi's Summit range in addition to the following benefits.

Other features of this new addition include:

- New stylish design.
- DC PAM inverter technology.
- High efficiency scroll compressor.
- H-Link/Weekly timer/Wired remote.
- Plasma air purifying system.



Available in a range of colours:

- White and Dark Silver
- Beige and Chocolate



White and Dark Silver



Beige and Chocolate

General Data

Model	Indoor Outdoor	RAS-25WX8 RAC-25WX8	RAS-35WX8 RAC-35WX8	RAS-50WX8 RAC-50WX8
Power Supply			AC 1Ph 220-230V 50Hz	
Nominal (min-max) Cooling Capacity	KW	2.5(0.9-3.1)	3.5(0.9-4.0)	5.0(0.9-5.2)
Nominal (min- max) Heating Capacity	KW	3.4(0.9-4.4)	4.2(0.9-5.0)	6.3(0.9-7.5)
Total Input				
Cooling	W	580(155-1080)	980(155-1300)	1555(155-2200)
Heating	W	790(115-1120)	1010(115-1300)	1745(155-2200)
Total Current				
Cooling	A	3.00-2.87	4.55-4.35	7.14-6.83
Heating	A	3.89-3.72	4.69-4.49	8.01-7.66
EER/COP				
Cooling		4.31	3.57	3.22
Heating		4.30	4.16	3.61
Sound Pressure Level (Overall Scale)				
Cooling	dB(A)	38/32/26/20	41/35/29/22	47/39/31/25
Heating	dB(A)	39/33/27/20	41/35/30/22	48/39/31/25
Condenser Sound Pressure Level				
Cooling	dB(A)	45	46	50
Heating	dB(A)	46	47	52
Indoor Outer Dimensions (Net/ (Carton))				
Height	mm	295(357)	295(357)	295(357)
Width	mm	795(848)	795(848)	795(848)
Depth	mm	198(289)	198(289)	198(289)
Weight	Kg	10(12)	10(12)	10(12)
Condenser Outer Dimensions (Net/(Carton))				
Height	mm	548(591)	548(591)	600(649)
Width	mm	750(871)	750(871)	792(937)
Depth	mm	288(377)	288(377)	299(394)
Weight	Kg	35(38)	35(38)	42(45)
Cabinet Colour (Munsell Code)		Beige(5Y 7/2)	Beige(5Y 7/2)	Beige(5Y 7/2)
Refrigerant		R410A	R410A	R410A
Flow Control		Expansion Valve	Expansion Valve	Expansion Valve
Compressor				
Type x Qty		DC Scroll x1	DC Scroll x1	DC Scroll x1
Indoor Fan				
Type		DC 35V	DC 35V	DC 35V
Air Flow Rate Cooling	m³/min	8.0/6.2/4.5/3.5	9.7/7.0/5.6/4.6	11.5/9.0/7.3/4.8
Air Flow Rate Heating	m³/min	9.5/7.0/5.5/3.3	10.3/8.5/6.6/4.4	13.0/9.6/8.0/4.8
Condenser Fan				
Type		DC350V	DC350V	DC 350V
Air Flow Rate Cooling/Heating	m³/min	31/27	32/27	36/36
Usable Outdoor Temperature				
Cooling	-	-10-43	-10-43	-10-43
Heating	-	-15-21	-15-21	-15-21
Refrigerant Piping				
Liquid Line	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Gas Line	mm (in)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)
Pipe Run				
Max Pipe Length (Chargeless)	m	20	20	30
Individual Pipe Length	m	-	-	-
Max Pipe Lift	m	10	10	10
Interconnection wires	pcs	3	3	3
Recommended Fuse Size	A	16	16	16
Auto Restart by Previous Mode		Yes	Yes	Yes
Auto Changeover		Yes	Yes	Yes
LED Self Diagnosis		Yes	Yes	Yes
Normal Pre-filter		-	-	-
Stainless Pre-filter		Yes	Yes	Yes
Air Purifying Filter Type		SPX-CFH20	SPX-CFH20	SPX-CFH20
Anti-bacterial Tangential Fan		Yes	Yes	Yes
Plasma Ion Unit		Yes	Yes	Yes
Extended Airflow		Yes	Yes	Yes
H-Link Connectivity		Yes	Yes	Yes
Weekly Timer Wired Remote Control		Option	Option	Option
Wired Remote Control		Option	Option	Option
Wired Remote Control Timer	Hr	12	12	12
Wireless Remote Control		Standard	Standard	Standard
Wireless Remote Control Timer	Hr	24	24	24



Summit YH5

RAS/RAC Technical Description

Hitachi's R410A All DC Inverter Ranges elevate air conditioning to a new level, incorporating significant advances in electronics technology.

With cooling and heating capacities from 2.0Kw to 8.0Kw, the all DC Inverter PAM driven mono split SUMMIT range incorporates the R410a refrigerant, Hitachi DC Scroll, or DC Twin Rotary compressor all working together for high performance and ultimate efficiency.

- DC inverter PAM control
- Highest COP up to 4.31 (A) in cooling/4.30 (A) in heating
- Low noise down to 20dBA on sleep mode
- Cooling available under -10°C ambient temperature
- Heating available under -15°C ambient temperature
- Auto restart by previous mode and Auto changeover
- Washable carbon and anti-bacteria air purifying filter
- 24hr remote controller timer
- R410A refrigerant



General Data

Model	Indoor Outdoor	RAS-60YH5A RAC-60YH5	RAS-70YH5A RAC-70YH5	RAS-80YH5A RAC-80YH5
Power Supply			AC 1Ph 220-230V 50Hz	
Nominal (min-max) Cooling Capacity	KW	6.05(0.9-6.5)	7.0(0.9-8.0)	8.0(1.5-8.5)
Nominal (min- max) Heating Capacity	KW	7.05(0.9-9.0)	8.2(0.9-9.5)	9.3(1.5-9.7)
Total Input				
Cooling	W	2300(155-2500)	2670(200-2920)	3070(200-3850)
Heating	W	2400(115-2700)	2770(200-3250)	3100(200-3850)
Total Current				
Cooling	A	10.60-10.10	12.30-11.70	14.10-13.50
Heating	A	11.00-10.50	12.70-12.20	14.30-13.60
EER/COP				
Cooling		2.63	2.62	2.61
Heating		2.94	2.96	3.00
Sound Pressure Level (Overall Scale)				
Cooling	dBA	47/42/33/28	48/42/33/30	46/43/40/36
Heating	dBA	47/42/34/33	49/42/33/33	47/44/41/39
Condenser Sound Pressure Level				
Cooling	dBA	50	52	55
Heating	dBA	53	54	57
Indoor Outer Dimensions (Net/ (Carton))				
Height	mm	295(271)	295(271)	333(293)
Width	mm	1030(1100)	1030(1100)	1150(1193)
Depth	mm	191(368)	191(368)	245(388)
Weight	Kg	11(13)	12(14)	15(18)
Condenser Outer Dimensions (Net/(Carton))				
Height	mm	650(698)	800(848)	875(896)
Width	mm	850(1008)	850(1008)	925(1037)
Depth	mm	298(394)	298(394)	315(417)
Weight	Kg	45(50)	52(57)	75(87)
Cabinet Colour (Munsell Code)		Beige(SY 7/2)	Beige(SY 7/2)	Beige(SY 7/2)
Refrigerant		R410A	R410A	R410A
Flow Control		Expansion Valve	Expansion Valve	Expansion Valve
Compressor				
Type x Qty		DC Twin Rotary x1	DC Twin Rotary x1	DC Twin Rotary x1
Indoor Fan				
Type		DC 35V	DC 320V	DC 320V
Air Flow Rate Cooling	m³/min	13.5/12.5/11.3/9.6	14.0/12.5/11.3/10.3	19.0/16.5/13.5/12.1
Air Flow Rate Heating	m³/min	13.5/12.5/11.3/10.9	14.0/12.5/11.3/11.0	19.0/16.5/13.5/12.8
Condenser Fan				
Type		DC 360V	DC 380V	DC 380V
Air Flow Rate Cooling/Heating	m³/min	36/36	47/47	55/55
Usable Outdoor Temperature				
Cooling	-	-10-43	-10-43	-10-43
Heating	-	-15-21	-15-21	-15-21
Refrigerant Piping				
Liquid Line	mm (in)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Gas Line	mm (in)	12.7(1/2)	15.8(5/8)	15.88(5/8)
Pipe Run				
Max Pipe Length (Chargeless)	m	30	30	30
Individual Pipe Length	m	20	20	20
Max Pipe Lift	m	-	-	-
Interconnection wires	pcs	3	5	5
Recommended Fuse Size	A	16	20	30
Auto Restart by Previous Mode		Yes	Yes	Yes
Auto Changeover		Yes	Yes	Yes
LED Self Diagnosis		Yes	Yes	Yes
Normal Pre-filter		Yes	Yes	Yes
Nano Stainless Pre-filter		Option	Option	Option
Air Purifying Filter Type		SPX-CFH5	SPX-CFH5	SPX-CFH12
Anti-bacterial Tangential Fan		Yes	Yes	Yes
H-Link Connectivity		Yes	Yes	Yes
Weekly Timer Wired Remote Control		Option	Option	Option
Wired Remote Control		Option	Option	Option
Wired Remote Control Timer		12	12	12
Wireless Remote Control		Standard	Standard	Standard
Wireless Remote Control Timer		24	24	24