

Monozone 600x600 Cassette

MONO
MULTI
ZONE



Features and Benefits

Hitachi's Monozone cassettes are perfect for installing into a standard ceiling module. Available with heating and cooling capacities from 2.5kW to 6.5kW the units offer the following benefits:

- High COP and EER**
 COP of 3.72 and EER of 3.60
- Compact Design**
 With its compact design the 600mm x 600mm ceiling unit neatly fits inside a standard ceiling module which minimises the installation work
- Low Noise**
 The noise level is just 25dB(A) due to the 3D twisted-wing design of the compact turbo-fan
- DC PAM Inverter Technology**
 Hitachi pioneered 'DC' Inverter PAM driven Room Air Conditioners and use this technology to drive its compressors and fans
- Flexible Air Flow System**
 The user can select between 2-way, 3-way or 4-way operation of auto swing louvres
- One-Touch Panel**
 The panel can be swung open up to 90° with just one push so that the filter can be removed for cleaning
- Safety and Efficiency**
 35vdc power supply to the indoor unit
- Standard Controller**
 24-hour infra red remote controller
- Control Options**
 Optional simplified or day hard wired remote controller with built in 7-day timer

 Compatible with H-LINK Control/Ready to Connect to PCS-6RAD Adapter



RAC-NH5



RAR-3U1



RAI-NH5A



RAI-NH5A



RAI-NH5A

System Features	RAI-25NH5A	RAI-35NH5A	RAI-50NH5A
Auto Restart by Previous Mode	✓	✓	✓
Auto Changeover	✓	✓	✓
LED Self Diagnosis	✓	✓	✓
Pre-filter	✓	✓	✓
Air Purifying Filter Type	SPX-CFH5	SPX-CFH5	SPX-CFH5
Built in Condensate Pump	✓	✓	✓
Automatic Swing Louvres	✓	✓	✓
Remote Controller Type	Infra Red (Std) - Simple Wired or Wired inc. 7 Day Timer (Option)		
Remote Control Timer	24hr or 7 Day option		
H-LINK Compatible	✓	✓	✓

Cassette Indoor Units

		RAI-25NH5A	RAI-35NH5A	RAI-50NH5A
Nominal Capacity (Min ~ Max) (kW)	Cooling	2.5(0.9-3.0)	3.5(0.9-4.0)	5.0(0.9-5.2)
	Heating	3.5(0.9-5.0)	4.8(0.9-6.6)	6.5(0.9-8.1)
UK Cooling Capacity (kW)	Total	2.3	3.2	4.1
	Sensible	1.8	2.4	3.0
EER/COP	Cooling	3.60	3.18	2.51
	Heating	3.72	3.53	3.01
Energy Label	Cooling	A	B	E
	Heating	A	B	D
Indoor Sound Pressure Level (Overall Scale) dB(A)	Cooling	35/32/29/25	39/34/29/26	43/35/32/29
	Heating	36/33/30/27	40/36/32/29	43/36/32/30
Indoor Fan (m³/min)	Cooling	8.5/7.0/5.8/5.5	10.8/8.0/5.8/5.5	12.0/8.0/5.8/5.5
	Heating	8.5/7.0/5.8/5.5	10.8/8.0/5.8/5.5	12.0/8.0/5.8/5.5
Dimensions (mm) & Weight (Kg) (Panel RAI-ECPM)	Height	285		
	Width	580		
	Depth	580		
	Panel	32/650/650		
	Weight	20 (4)		

Outdoor Units

		RAC-25NH5	RAC-35NH5	RAC-50NH5
Outdoor Sound Pressure Level dB(A)	Cooling	46	47	50
	Heating	46	49	52
Dimensions (mm) & Weight (Kg)	Height	570		650
	Width	750		850
	Depth	280		298
	Weight	38		45
Operating Range (°C)	Cooling	-10 ~ +43		
	Heating	-15 ~ +21		
Refrigerant Piping (mm (in))	Liquid	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)
Piping (m)	Length	20		
	Chargeless	20		
	Lift	10		
Power Supply	AC 1Ph 220-230V 50Hz			
Power to	Outdoor			
Interconnecting Cables	No.	3	3	3
Starting Current (A)		4.2	6.1	10.0
Total Current (230v) (A)	Cooling	3.05	4.85	8.74
	Heating	4.15	6.00	9.49
Recommended Fuse Size (A)		16	16	16