

# Utopia ES Wall Mounted



## Features and Benefits

The Utopia ES units are the latest addition to the Utopia range of Hitachi air conditioners. This cost-effective range of wall mounted units are available with heating and cooling capacities from 5.0kW to 11.2kW and offer the following benefits:

- High COP and EER**  
 COP of 4.83 and EER of 4.03
- Compact Design**  
 The ES range is extremely compact with a single fan condenser height from as small as 600mm
- Low Noise**  
 Levels as low as 20 dB(A) (NR 30)
- DC Inverter Technology**  
 Hitachi pioneered 'DC' Inverter driven Air Conditioners and use this technology to drive its compressors and fans
- Common Appearance**  
 Common cabinet size and exterior of the Utopia ES and the IVX allows for the units to be installed together creating a uniform appearance
- Low Refrigerant Charge**  
 Low refrigerant charge quantity that aids F-Gas requirements
- Compatibility**  
 Compatible with all Hitachi System Free indoor units
- Standard Controller**  
 Hard wired remote controller with built in 7-day timer
- Control Options**  
 Optional simplified hard wired or infra red remote controller with 24hr timer  
  
 Compatible with H-LINK II Control and CS Net Web controls that integrate with all leading BMS protocols



RAS-HVRNS(E)



RPK-FSN2M



PC-ART

System Features	RPK 2.0FSN2M	RPK 2.5FSN2M	RPK 3.0FSN2M	RPK 4.0FSN2M
Auto Restart by Previous Mode	✓	✓	✓	✓
Auto Changeover	✓	✓	✓	✓
Remote Control Self Diagnosis	✓	✓	✓	✓
Remote Controller Type	Hard Wired (std) - Simplified Wired or Infra Red (Options)			
Remote Control Timer	24hr or 7 Day option			
H-LINK Compatible	✓	✓	✓	✓

## Wall Mounted Indoor Units

		RPK 2.0FSN2M	RPK 2.5FSN2M	RPK 3.0FSN2M	RPK 4.0FSN2M
Nominal Capacity (Min ~ Max) (kW)	Cooling	5.0 (2.0 ~ 5.6)	6.0 (2.2 ~ 6.3)	7.1 (1.5 ~ 8.0)	10.0 (4.9 ~ 11.2)
	Heating	5.6 (2.2 ~ 7.1)	7.0 (2.2 ~ 7.1)	8.0 (1.5 ~ 9.0)	11.2 (5.0 ~ 12.5)
UK Cooling Capacity (kW)	Total	5.2	5.8	7.5	10.6
	Sensible	3.7	4.2	5.3	7.5
EER/COP	Cooling	4.03	3.31	3.13	3.06
	Heating	4.83	4.85	3.36	3.53
Energy Label	Cooling	A	A	B	B
	Heating	A	A	C	B
Indoor Sound Pressure Level dB(A)		41/39/37	43/40/37	43/40/38	49/46/43
Indoor Fan (m³/min)		14/12/10	17/16/14	17/16/14	22/20/17
Dimensions (mm) & Weight (Kg)	Height	295		333	
	Width	1030		1150	
	Depth	208		245	
	Weight	12		18	

## Outdoor Units

		RAS 2HVRN1	RAS 2.5HVRN1	RAS 3HVRNS	RAS 4HVRNSE
Outdoor Sound Pressure Level (Set Back) dB(A)	Cooling	46 (44)	46 (44)	48 (46)	44 (40)
	Heating	48	48	50	46
Dimensions (mm) & Weight (Kg)	Height		600		800
	Width		792		950
	Depth		300		370
	Weight		42		44
Operating Range (°C)	Cooling	(-15 ~ 43)db		(-5 ~ 43)db	
	Heating	(-10 ~ 15)wb		(-10 ~ 15)wb	
Refrigerant Piping (mm (in))	Liquid	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)
Piping (m)	Length	50	50	30	50
	Lift	30	30	30	30
	Chargeless	30	30	30	30
Power Supply		1Ph 220-240V 50Hz			
Power to		Outdoor			
Interconnecting Cables	No.	LNE + 2			
Starting Current (A)		TBC	TBC	TBC	TBC
Total Current (A)	Cooling	5.5	8.1	10.3	14.2
	Heating	5.2	8.1	10.8	13.8
Recommended Fuse Size (A)		16	20	25	32