

Primary R32

Best value for money



Integrated condensate pump

With an elevation of 700 mm, these duct units fit easily into most projects.

Flexible air intake from below or from the back

This solution offers true installation flexibility depending on the type of configuration. You can change the intake – from below or from the rear. You do not need to change the equipment, just set the static pressure. (Fig. 1)

NEW Versatile

Up to 8 indoor units connected to a single remote control (with HDBA21NEWH + HCWA21NEHH). See diagrams on p. 204.

Large static pressure control range

Large static pressure control range (up to 120 Pa) for long ducts and multizone applications, allowing for a more practical and flexible installation.

Long cooler connections and large level differences

With up to 50 m of cooling piping for an installation up to 30 m tall, the Primary range offers great flexibility in configuring your systems. (Fig.2)

Guaranteed efficiency

The performance of our Primary duct unit range is guaranteed in Heating mode up to an outside temperature of -15°C. DC Inverter technology precisely adjusts the power needed to heat residential or public buildings, and ensures the comfort and durability of the system.

Auto-restart after a power outage

When power is restored after a power outage, all pre-settings are kept and the air-conditioning will run under the previous settings.

Fig. 1

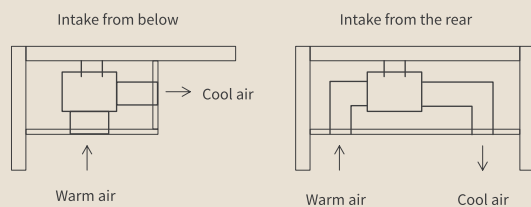
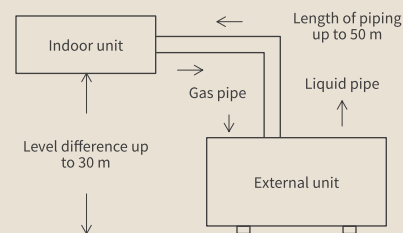
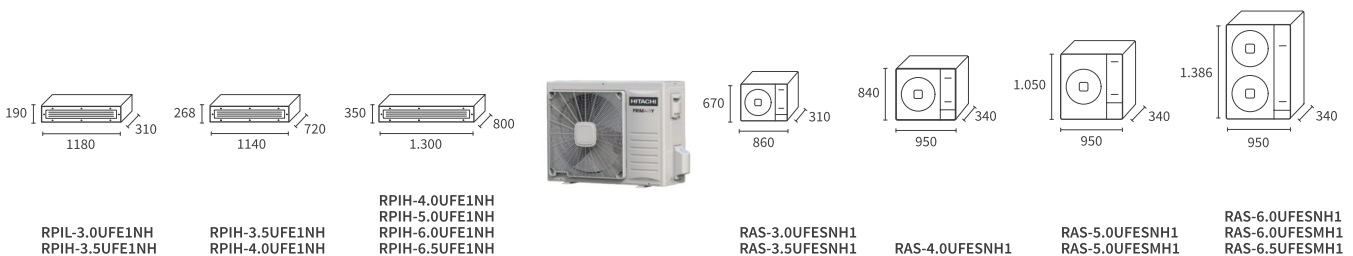


Fig. 2



Indoor units

Outdoor units



RPIH-3.0UFE1NH
RPIH-3.5UFE1NH

RPIH-3.5UFE1NH
RPIH-4.0UFE1NH

RPIH-4.0UFE1NH
RPIH-5.0UFE1NH
RPIH-6.0UFE1NH
RPIH-6.5UFE1NH

RAS-3.0UFESNH1
RAS-3.5UFESNH1

RAS-4.0UFESNH1

RAS-5.0UFESNH1
RAS-5.0UFESMH1

RAS-6.0UFESNH1
RAS-6.0UFESMH1

Primary R32

		6,90 kW	8.5 kW	10,10 kW	12.5kW	14.1 kW	12.10kW	14.19 kW	17.10 kW	
Performance, cooling	Unit	3 Hp	3.5 Hp	4 Hp	5 Hp	6 Hp	5 Hp	6 Hp	6.5 Hp	
Rated power, cooling (min-max)	kW	6.90 (2.45 - 7.85)	8.50 (4.00 - 9.50)	10.10 (3.50 - 11.00)	12.50 (3.30 - 13.20)	14.10 (3.20 - 16.00)	12.10 (3.30 - 13.20)	14.19 (3.20 - 16.00)	17.10 (3.30 - 18.50)	
Rated power input Cooling (min-max)	kW	2.16	2.67	3.80	4.22	4.78	4.22	4.78	6.60	
EER	-	3.19	3.18	2.66	2.85	2.95	2.87	2.97	2.59	
Energy class Cooling	-	A++								
SEER (average climate) / Etas	-	6.29	6.20	6.10	6.10 / 241%	5.94 / 235%	6.28 / 248%	5.94 / 234%	5.81 / 229%	
Annual power consumption	kWh/year	395	499	577	698	829	761	849	943	
Guaranteed performance Cooling for outdoor Temp°	°C	-15°C / +48°C								
Performance, heating										
Rated power, heating (min-max)	kW	8.3 (2.20 - 8.70)	9.00 (3.50 - 9.40)	10.50 (3.50 - 11.00)	12.80 (3.00 - 14.60)	16.50 (3.40 - 18.50)	13.4 (3.00 - 14.60)	13.4 (3.00 - 14.60)	18 (3.00 - 19.50)	
Power at full charge at -7°C ⁽¹⁾	kW	4	5.6	6.5	8.4	9.9	8.4	9.9	11.1	
Rated power input Heating (min-max)	kW	2.22	2.40	3.50	3.82	4.65	4.07	4.65	6.10	
COP	-	3.74	3.75	3	3.35	3.40	3.29	3.47	2.95	
Energy class Heating	-	A								
SCOP (average climate) / Etas	-	4.05	4.00	3.92	3.70 / 145%			3.72 / 145%		
Annual power consumption	kWh/year	2007	2313	2926	3392	4503	3674	4694	4205	
Guaranteed performance in Heating mode for outside Temp°	°C	-15°C / +24°C								
Indoor units		RPII-3.0UFE1NH	RPII-3.5UFE1NH	RPII-4.0UFE1NH	RPII-5.0UFE1NH	RPII-6.0UFE1NH	RPII-5.0UFE1NH	RPII-6.0UFE1NH	RPII-6.5UFE1NH	
Sound pressure in Cooling mode (pv / mv / gv)	dB(A)	31 / 34 / 38	33 / 38 / 41	38 / 40 / 42	37 / 40 / 43	42 / 45 / 47	37 / 40 / 43	42 / 45 / 47	43 / 45 / 48	
Sound pressure in Cooling mode	dB(A)	61	63	65	69	77	69	77		
Airflow in Cooling mode (pv / mv / gv)	m³/h	490 / 700 / 1000	900 / 1120 / 1450	1400 / 1600 / 1800	1300 / 1500 / 1750	1900 / 2200 / 2400	1300 / 1500 / 1750	1900 / 2200 / 2400		
Rated available pressure (min-max)	Pa	25.0 (0 - 40)	37.0 (0 - 120)			50.0 (0 - 120)				
Dimensions (H x L x D)	mm	190 x 1180 x 445	268 x 1140 x 720			350 x 1300 x 800				
Net weight of box	kg	24.0	37.5			51				
Condensing pump	-	Included								
Condensate outlet diameter (ext.)	mm	32								
Air filter	-	Included								
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz								
Remote control	-	Wired programmable unit included (HCWA21NEHH)								
Outdoor units	Unit	RAS-3.0UFESNH1	RAS-3.5UFESNH1	RAS-4.0UFESNH1	RAS-5.0UFESNH1	RAS-6.0UFESNH1	RAS-5.0UFESMH1	RAS-6.0UFESMH1	RAS-6.5UFESMH1	
Sound pressure in Cooling mode	dB(A)	54	54	58	62			67		
Sound pressure in Cooling mode	dB(A)	69	70		76			80		
Airflow (cooling)	m³/h	3150		3800	5800	6300	5800	6300		
Dimensions (H x L x D)	mm	670 x 860 x 310		840 x 950 x 340	1050 x 950 x 340	1386 x 950 x 340	1050 x 950 x 340	1386 x 950 x 340		
Net weight	kg	49.0		70.0	85.0	101.5	85.0	101.5	109.0	
Compressor	-	Inverter rotary unit								
Cooling properties										
Diameter of pipes (Liq / Gas)	inches	3/8" / 5/8"			3/8" / 3/4"					
Initial coolant fill	kg/TeqCO ₂	1.40 / 0.95	1.45 / 0.98	2.00 / 1.35	2.50 / 1.69	3.00 / 2.03	2.50 / 1.69	3.00 / 2.03	3.40 / 2.30	
Prefilled for	m	5								
Max. pipe length	m	30	50							
Added coolant	g/m	28								
Max. level difference (outdoor unit above / outdoor unit below)	m	15 / 15				30 / 30				
Coolant	-	R32								
Electrical features, outdoor unit										
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz				400V / 3Ph / 50Hz				
Max. current	A	18.1	18.0	22.5	28.2	30.0	11.6			
Cable width (EN 60 335-1)	mm²	3 x 2.5		3 x 4	3 x 6		5 x 2.5			
Indoor/outdoor connection (protected)	mm²	4 x 1.5								

⁽¹⁾ Data includes defrosting.

Retail price per unit excluding taxes (+eco part)

		RPII-3.0UFE1NH	RPII-3.5UFE1NH	RPII-4.0UFE1NH	RPII-5.0UFE1NH	RPII-6.0UFE1NH	RPII-5.0UFE1NH	RPII-6.0UFE1NH	RPII-6.5UFE1NH
Indoor unit (Wired remote control included HCWA21NEHH)	-	€828	€1016	€1,205	€1,592	€1,916	€1,592	€1,916	€2,378
External unit	€+6.67	€2,569	€2,995	€3,297	€3,914	€4,455	€3,960	€4,507	€4,815
Price for whole set Indoor unit + outdoor unit	€+6.67	€3,397	€4,011	€4,502	€5,506	€6,371	€5,552	€6,423	€7,193

Eco-participation is a net unit amount excluding taxes and is not discountable. It is added to the net price.

Compatible controls and accessories



Wired programmable remote control
HCWA21NEHH
Included



Infrared remote control
HRBA31NEGH
Price plus taxes: €30



H-Link interface
HCAA01NEWI
Price plus taxes: €260



Adapter
HDBA21NEWH
Price plus taxes: €60

Discover Primary

