

GLOBAL PAC PRIMARY

FLOOR OR CEILING MOUNTED



Introduction



HCRA31NEWH
(Standard)

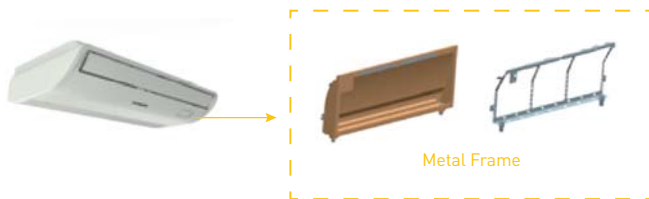


HCWA21NEWH
(Optional)



Drain Pan

Integrated high strength steel and PS design enhances the durability of the drain pan and improves both thermal insulation and anti-condensation function of the unit.



Installation Flexibility

Fresh Air Inlet

Allows fresh air intake to improve indoor ventilation and air quality.



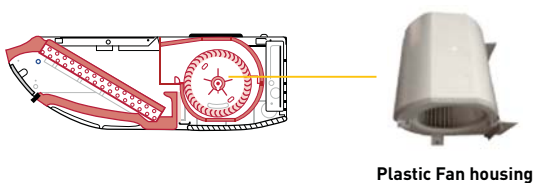
● Fresh air inlet

Floor or Ceiling Installation

Floor installation and ceiling suspended installation allows users greater flexibility to choose the best configuration.

Fan Housing

Minimises noise levels.



Plastic Fan housing



Floor mounted



Ceiling mounted

FLOOR OR CEILING MOUNTED

IDU			RPFC-3.0UNE1NH	RPFC-4.0UNE1NH	RPFC-5.0UNE1NH	RPFC-6.0UNE1NH	RPFC-6.5UNE1NH
ODU			RAS-3.0UNESNH1	RAS-4.0UNESNH1	RAS-5.0UNESMH1	RAS-6.0UNESMH1	RAS-6.5UNESMH1
Power supply		V/Ph/Hz	220~240/1/50			380~415/3/50	
Max. input		W	4,100	5,100	6,400	6,300	8,200
Max. input current		A	18.1	22.5	11.6	11.0	13.5
Average	Pdesignc	kW	6.750	10.230	12.050	12.868	14.420
	SEER	W/W	5.79	6.07	5.41	5.99	5.90
	Energy Efficiency Class		A+	A+	A	A+	A+
	Pdesignh	kW	5.630	8.465	10.500	12.000	12.300
	SCOP	W/W	3.92	3.97	3.79	3.80	3.80
	Energy Efficiency Class		A	A	A	A	A
Cooling	UK Capacity	kW	6.1	10.1	11.7	11.7	13.0
	Capacity	kW	6.8	10.2	12.1	12.9	14.4
	Input	W	2,163	3,680	4,866	4,247	5,381
	Current	A	9.7	17.6	8.3	8.2	10.1
	EER	W/W	3.12	2.78	2.48	3.03	2.68
Heating	Capacity	Btu/h	28,000	38,385	47,768	55,000	60,000
	Capacity	kW	8.2	11.3	14.0	16.1	17.6
	Input	W	2,393	3,750	4,502	5,150	6,395
	Current	A	10.5	16.3	8.2	8.2	9.3
	COP	W/W	3.43	3.00	3.11	3.13	2.75
Indoor fan motor	Qty		1	1	1	1	1
	Input	W	100	140	181	181	181
	Speed(Hi/Med/L0)	r/min	1280/1100/920	1220/1160/1080	1200/1100/1000	1250/1000/800	1250/1100/950
Indoor air flow Rated(Hi/Med/L0)		m³/h	1100/950/800	1700/1500/1300	2000/1800/1600	2000/1600/1200	2000/1700/1500
Indoor air flow Rated(Hi/Med/L0)		CFM	650/570/500	1000/882/765	1176/1059/941	1180/940/710	1180/1000/880
Indoor noise level (Hi/Med/L0)		dB(A)	48/46/42	50/49/48	50/48/45	51/45/41	51/46/43
Indoor noise level (Sound Power)		dB(A)	63	64	66	67	66
Indoor unit	Dimension (WxHxD)	mm	990×230×680	1285×230×680	1580×230×680	1580×230×680	1580×230×680
	Packing(WxHxD)	mm	1100×350×820	1400×350×820	1690×350×820	1690×350×820	1690×350×820
	Net/Gross weight	kg	30/35	37/44	48/56	48/56	50/58
Drainage water pipe diameter (OD)		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Controller			Remote controller				
Operation temperature		°C	16 - 30				
Qty' per 20' /40' /40'HQ (Indoor unit)		Set	84/168/196	42/84/98	42/84/98	42/84/98	42/84/98
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Rated current(RLA)	A	8.9	5.1	5.1	13.2	12.0
	Refrigerant oil	ml	PQE VG74/670	PQE VG74/1000	PQE VG74/1000	ø 68HES-H or equivalent/1650	FV50S or PVE/1400
Outdoor fan motor	Qty		1	1	1	2	2
	Input	W	61	121	138	121	121
	Speed	r/min	880	830	850	810	810
Outdoor noise level(Sound Pressure)		dB(A)	53	54	58	53	58
Outdoor noise level(Sound Power)		dB(A)	68	70	74	69	73
Throttle type			EEV	EEV	EEV	EEV	EEV
Outdoor unit	Dimension(WxHxD)	mm	860×670×310	950×840×340	950×1050×340	950×1386×340	950×1386×340
	Packing(WxHxD)	mm	990×730×450	1110×910×460	1110×1200×460	1110×1527×460	1110×1527×460
	Net/Gross weight	kg	51/57	70/80	85/95	113/125	117/129
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	1.70	2.80	3.20	3.78	3.95
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ19.05(3/8"/3/4")	Φ9.52/Φ19.05(3/8"/3/4")	Φ9.52/Φ19.05(3/8"/3/4")	Φ9.52/Φ19.05(3/8"/3/4")
	Max. pipe length	m	30	50	50	50	50
	Max. difference in level	m	15	30	30	30	30
Annual energy consumption(cooling)		kWh/a	426	589	803	772	876
Annual energy consumption(heating)		kWh/a	2,001	2,984	3,868	4,399	4,509
Ambient temperature	Cooling	°C	-15~48	-15~48	-15~48	-15~48	-15~48
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24
System Price		(£)	1,484	2,096	2,449	2,803	2,970

Price includes Hard wired remote

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)