

GLOBAL PAC PRIMARY CASSETTE

Introduction



HCRA31NEWH
(Standard)



HCWA21NEWH
(Optional)



4-Way Airflow

Front air deflectors are adjustable for horizontal or vertical airflow. Smooth airflow can be directed to air condition the whole room or even a particular area for better comfort.



Fresh Air Inlet

Allows fresh air intake to improve indoor ventilation and air quality at approximately 15m³/h.



Temperature Compensation

The temperature compensation setting can be used to adjust the temperature differential via the wired controller for more accurate temperature control.

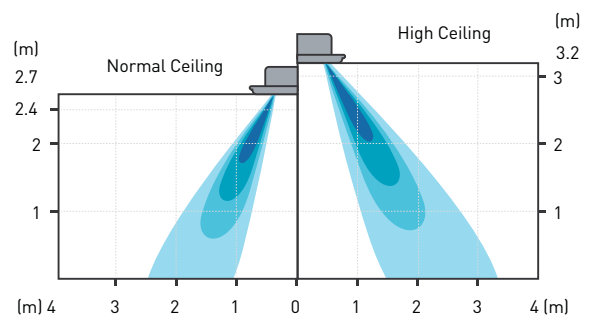
IR Receiver for Remote Controller

Reserved port for Remote sensing which makes control more convenient.



Washable Filter

Washable filter for easier service and maintenance.



CASSETTE

IDU			RCI-3.0UNE1NH	RCI-4.0UNE1NH	RCI-5.0UNE1NH	RCI-6.0UNE1NH	RCI-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 consumption		W	4,100	5,150	6,400	6,300	7,800
Max. input current		A	18.1	22.5	11.6	11.0	13.1
Average	Pdesignc	kW	7.070	10.300	12.068	13.400	14.500
	SEER	W/W	6.46	6.13	5.72	6.01	5.87
	Energy Efficiency Class		A++	A++	A+	A+	A+
	Pdesignh	kW	5.680	9.600	10.000	13.500	11.000
	SCOP	W/W	4.08	3.90	3.80	3.87	3.80
	Energy Efficiency Class		A+	A	A	A	A
Cooling	UK Capacity	kW	6.4	10.2	11.7	12.1	13.1
	Capacity	kW	7.1	10.3	12.1	13.4	14.5
	Input	W	2,209	3,433	4,190	4,621	5,492
	Current	A	9.7	16.5	7.2	7.4	9.7
	EER	W/W	3.20	3.00	2.88	2.90	2.64
Heating	Capacity	Btu/h	28,000	39,238	47,768	56,100	60,000
	Capacity	kW	8.2	11.5	14.0	16.4	17.6
	Input	W	2,372	3,605	3,900	4,850	5,709
	Current	A	10.5	16.0	7.3	7.4	9.1
	COP	W/W	3.46	3.19	3.59	3.39	3.08
Indoor fan motor	Qty		1	1	1	1	1
	Input	W	35	80	124	124	124
	Capacitor	μF	/	/	/	/	/
	Speed(Hi/Med/Low)	r/min	450/390/270	600/480/390	630/600/570	700/540/460	700/540/460
Indoor air flow Rated(Hi/Med/Low)		m³/h	1100/976/852	1600/1300/1000	1850/1700/1550	2000/1900/1700	2000/1900/1700
Indoor air flow Rated(Hi/Med/Low)		CFM	647/574/501	941/765/588	1088/1000/912	1180/1120/1000	1180/1120/1000
Indoor noise level (Hi/Med/Low)		dB(A)	41/38/36	45/40/37	46/43/41	50/48/46	47/45/43
Indoor noise level (Sound Power)		dB(A)	57	61	62	64	62
Indoor unit	Dimension (WxHxD)	mm	840×248×840	840×248×840	840×298×840	840×298×840	840×298×840
	Packing(WxHxD)	mm	996×370×956	996×370×956	996×420×956	996×420×956	996×420×956
	Net/Gross weight	kg	25/34	27/36	32/41	32/41	32/41
Drainage water pipe diameter (ID)		mm	IDΦ32	IDΦ32	IDΦ32	IDΦ32	IDΦ32
Controller			Remote controller				
Operation temperature		°C	16 - 30				
Qty'per 20' /40' /40'HQ (Indoor unit)		Set	72/144/168	60/120/144	60/120/144	60/120/144	60/120/144
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Rated current(RLA)	A	8.9	5.1	5.1		12.0
	Refrigerant oil	ml	POE VG74/670	PQE VG74/1000	PQE VG74/1000	α 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	55	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	383	588	757	806	883
Annual energy consumption(heating)		kWh/a	1,927	3,450	3,675	4,877	4,037
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		(£)	1,646	2,142	2,446	2,789	2,988

Price includes Panel & 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]