

SPECIFICATIONS

FLOOR CEILING CONVERTIBLE

IDU		RPFC-2.0UNE1NH	RPFC-3.0UNE1NH	RPFC-4.0UNE1NH	RPFC-5.0UNE1NH	RPFC-6.0UNE1NH	RPFC-6.5UNE1NH
ODU		RAS-2.0UNESNH1	RAS-3.0UNESNH1	RAS-4.0UNESNH1	RAS-5.0UNESMH1	RAS-6.0UNESMH1	RAS-6.5UNESMH1
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Max. input	W	2,600	4,100	5,100	6,400	6,300	8,200
Max. input current	A	11.0	18.1	22.5	11.6	11.0	13.5
Average	Pdesignc	kW	5.200	6.750	10.230	12.050	14.420
	SEER	W/W	6.80	5.79	6.07	5.41	5.99
	Energy Efficiency Class		A++	A+	A+	A+	A+
	Pdesignh	kW	4.800	5.630	8.465	10.500	12.000
	SCOP	W/W	4.10	3.92	3.97	3.79	3.80
	Energy Efficiency Class		A+	A	A	A	A
Cooling	Capacity	Btu/h	17,870	23,031	34,905	41,115	49,201
	Capacity (Range)	kW	5.24(1.51-5.50)	6.75(2.70-7.85)	10.23(2.80-11.00)	12.05(3.30-13.20)	14.42(4.98-18.00)
	Input	W	1,652	2,163	3,680	4,866	5,381
	Current	A	7.6	9.7	17.6	8.3	10.1
	EER	W/W	3.17	3.12	2.78	2.48	3.03
Heating	Capacity	Btu/h	20,900	28,000	38,385	47,768	55,000
	Capacity (Range)	kW	6.13(1.69-6.24)	8.21(2.77-9.20)	11.25(3.32-12.00)	14.00(3.00-14.60)	16.12(3.30-18.00)
	Input	W	1,885	2,393	3,750	4,502	5,150
	Current	A	8.2	10.5	16.3	8.2	9.3
	COP	W/W	3.25	3.43	3.00	3.11	3.13
Indoor fan motor	Qty		1	1	1	1	1
	Output	W	100	100	140	181	181
	Speed (Hi/Med/Lo)	r/min	800/700/610	1,280/1,100/920	1,220/1,160/1,080	1,200/1,100/1,000	1,250/1,000/800
Indoor air flow Rated (Hi/Med/Lo)	m ³ /h		800/690/590	1,100/950/800	1,700/1,500/1,300	2,000/1,800/1,600	2,000/1,700/1,500
	CFM		470/400/340	650/570/500	1,000/882/765	1,176/1,059/941	1,180/1,000/880
Indoor noise level	Sound pressure (Hi/Med/Lo)	dB(A)	41/37/34	51/48/45	52/51/49	52/50/47	53/48/42
	Sound Power	dB(A)	57	64	65	67	68
Indoor unit	Dimension (W×H×D)	mm	990×230×680	990×230×680	1,285×230×680	1,580×230×680	1,580×230×680
	Packing (W×H×D)	mm	1,100×350×820	1,100×350×820	1,400×350×820	1,690×350×820	1,690×350×820
	Net/Gross weight	kg	29/34	30/35	37/44	48/56	50/58
Drainage water pipe diameter (OD)	mm		ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Controller			Remote controller	Remote controller	Remote controller	Remote controller	Remote controller
Operation temperature	°C		16 - 30	16 - 30	16 - 30	16 - 30	16 - 30
Qty'per 20' /40' /40'HQ (Indoor unit)	Set		84/168/196	84/168/196	42/84/98	42/84/98	42/84/98
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Rated current (RLA)	A	8.1	8.9	5.1	5.1	13.2
	Refrigerant oil	type/ml	ESTEL OIL VG74/500	POE VG74/670	PQE VG74/1,000	PQE VG74/1,000	α 68HES-H or equivalent/1,650
Outdoor fan motor	Qty		1	1	1	2	2
	Output	W	61	61	121	138	121
	Speed (Hi)	r/min	840	880	830	850	810
Outdoor noise level	Sound Pressure (Hi)	dB(A)	54	53	56	58	56
	Sound Power	dB(A)	65	69	70	75	75
Throttle type			EEV	EEV	EEV	EEV	EEV
Outdoor unit	Dimension (W×H×D)	mm	860×670×310	860×670×310	950×840×340	950×1,050×340	950×1,386×340
	Packing (W×H×D)	mm	990×730×450	990×730×450	1,110×910×460	1,110×1,200×460	1,110×1,527×460
	Net/Gross weight	kg	45/49	51/57	70/80	85/95	113/125
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	1.30	1.70	2.80	3.20	3.78
Refrigerant piping	Liquid side/Gas side	mm(inch)	Φ6.35/Φ12.7(1/4'/1/2')	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')
	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	267	426	589	803	772
	Heating	kWh/a	1,647	2,001	2,984	3,868	4,399
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
Qty'per 20' /40' /40'HQ (Outdoor unit)	Set		90/186/186	90/186/186	52/106/106	26/53/106	26/53/53

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)