

SPECIFICATIONS

CASSETTE

IDU		RCI-1.5UNE1NH	RCI-2.0UNE1NH	RCI-3.0UNE1NH	RCI-4.0UNE1NH	RCI-5.0UNE1NH	RCI-6.0UNE1NH	RCI-6.5UNE1NH	
ODU		RAS-1.5UNESNH1	RAS-2.0UNESNH1	RAS-3.0UNESNH1	RAS-4.0UNESNH1	RAS-5.0UNESMH1	RAS-6.0UNESMH1	RAS-6.5UNESMH1	
Power supply (Outdoor)	V/Ph/Hz	220-240/1/50	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 consumption	W	1,800	2,710	4,100	5,150	6,400	6,300	7,800	
Max. input current	A	8.1	12.3	18.1	22.5	11.6	11.0	13.1	
Average									
	Pdesignc	kW	3.520	5.100	7.070	10.300	12.068	14.500	
	SEER	W/W	6.61	6.11	6.46	6.13	5.72	5.87	
	Energy Efficiency Class		A++	A+	A++	A++	A+	A+	
	Pdesignh	kW	3.520	4.800	5.680	9.600	10.000	11.000	
	SCOP	W/W	4.25	4.01	4.08	3.90	3.80	3.80	
	Energy Efficiency Class		A+	A	A+	A	A	A	
Cooling									
	Capacity	Btu/h	12,454	18,088	24,123	35,144	41,176	49,474	
	Capacity (Range)	kW	3.65(1.72~3.85)	5.30(1.78~5.65)	7.07(2.70~7.85)	10.30(2.93~12.00)	12.07(3.30~13.20)	13.40(3.40~16.20)	14.50(4.98~18.00)
	Input	W	1,000	1,710	2,209	3,433	4,190	5,492	
	Current	A	4.4	7.6	9.7	16.5	7.2	9.7	
	EER	W/W	3.65	3.10	3.20	3.00	2.88	2.90	
Heating									
	Capacity	Btu/h	12,949	21,100	28,000	39,238	47,768	56,100	
	Capacity (Range)	kW	3.80(1.77~4.22)	6.18(1.72~7.31)	8.21(2.77~8.80)	11.50(3.32~13.00)	14.00(3.00~14.60)	16.44(3.30~18.00)	17.59(5.00~21.00)
	Input	W	956	1,897	2,372	3,605	3,900	4,850	
	Current	A	4.2	8.3	10.5	16.0	7.3	9.1	
	COP	W/W	3.97	3.26	3.46	3.19	3.59	3.39	
Indoor fan motor									
	Qty		1	1	1	1	1	1	
	Output	W	30	28	35	80	124	124	
	Capacitor	μF	/	2	/	/	/	/	
	Speed (Hi/Med/Lo)	r/min	700/590/520	980/840/720	450/390/270	600/480/390	630/600/570	700/540/460	700/540/460
Indoor air flow Rated (Hi/Med/Lo)	m ³ /h	575/484/400	820/730/620	1,100/976/852	1,600/1,300/1,000	1,850/1,700/1,550	2,000/1,900/1,700	2,000/1,900/1,700	
	CFM	338/285/235	482/429/365	647/574/501	941/765/588	1,088/1,000/912	1,180/1,120/1,000	1,180/1,120/1,000	
Indoor noise level									
	Sound pressure (Hi/Med/Lo)	dB(A)	39/37/33	45/41/38	43/40/36	49/45/42	50/46/45	52/45/41	52/46/44
	Sound Power	dB(A)	54	59	58	62	63	66	66
Indoor unit									
	Dimension (W×H×D)	mm	650×270×570	650×270×570	840×248×840	840×248×840	840×298×840	840×298×840	840×298×840
	Packing (W×H×D)	mm	770×310×750	770×310×750	996×370×956	996×370×956	996×420×956	996×420×956	996×420×956
	Net/Gross weight	kg	19/24	21/26	25/34	27/36	32/41	32/41	32/41
Drainage water pipe diameter (ID)	mm	1DΦ21	1DΦ21	1DΦ32	1DΦ32	1DΦ32	1DΦ32	1DΦ32	
Controller		Remote controller	Remote controller	Remote controller	Remote controller	Remote controller	Remote controller	Remote controller	
Operation temperature	°C	16 - 30	16 - 30	16 - 30	16 - 30	16 - 30	16 - 30	16 - 30	
Qty/per 20' /40' /40'HQ (Indoor unit)	Set	147/315/384	147/315/384	72/144/168	60/120/144	60/120/144	60/120/144	60/120/144	
Compressor									
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Rated current (RLA)	A	5.7	8.1	8.9	5.1	5.1	13.2	
	Refrigerant oil	type/ml	ESTER OIL VG74/370	ESTEL OIL VVG74/500	POE VG74/670	PQE VG74/1,000	PQE VG74/1,000	α 68HES-H or equivalent /1,650	FV50S or PVE/1,400
Outdoor fan motor									
	Qty		1	1	1	1	2	2	
	Output	W	30	61	61	121	138	121	
	Speed (Hi)	r/min	880	840	880	830	850	810	
Outdoor noise level									
	Sound Pressure (Hi)	dB(A)	51	54	53	56	58	56	
	Sound Power	dB(A)	62	65	69	70	75	76	
Throttle type		EEV	EEV	EEV	EEV	EEV	EEV	EEV	
Outdoor unit									
	Dimension (W×H×D)	mm	810×585×280	860×670×310	860×670×310	950×840×340	950×1,050×340	950×1,386×340	950×1,386×340
	Packing (W×H×D)	mm	940×640×420	990×730×450	990×730×450	1,110×910×460	1,110×1,200×460	1,110×1,527×460	1,110×1,527×460
	Net/Gross weight	kg	34/38.5	45/49	51/57	70/80	85/95	113/125	117/129
Refrigerant									
	Type		R410A	R410A	R410A	R410A	R410A	R410A	
	Charged volume	kg	1.05	1.30	1.70	2.80	3.20	3.78	3.95
Refrigerant piping									
	Liquid side/Gas side	mm(inch)	Φ6.35/Φ9.52(1/4'/3/8')	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')	Φ9.52/Φ19.05(3/8'/3/4')
	Max. pipe length	m	25	30	50	50	50	50	
	Max. difference in level	m	15	15	30	30	30	30	
Annual energy consumption									
	Cooling	kWh/a	185	303	383	588	757	806	883
	Heating	kWh/a	1,190	1,785	1,927	3,450	3,675	4,877	4,037
Ambient temperature									
	Cooling	°C	-15~+48	-15~+48	-15~+48	-15~+48	-15~+48	-15~+48	-15~+48
	Heating	°C	-15~+24	-15~+24	-15~+24	-15~+24	-15~+24	-15~+24	-15~+24
Qty/per 20' /40' /40'HQ (Outdoor unit)	Set	102/204/272	90/186/186	90/186/186	52/106/106	26/53/106	26/53/53	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)