

SPECIFICATIONS

CASSETTE

IDU		RCI-3.0UFE1NH	RCI-3.5UFELNH	RCI-4.0UFE1NH	RCI-5.0UFE1NH	RCI-5.0UFE1NH	RCI-6.0UFE1NH	RCI-6.0UFE1NH	RCI-6.5UFELNH
ODU		RAS-3.0UFESNH1	RAS-3.5UFESNH1	RAS-4.0UFESNH1	RAS-5.0UFESMH1	RAS-5.0UFESNH1	RAS-6.0UFESMH1	RAS-6.0UFESNH1	RAS-6.5UFESMH1
Power supply (Indoor)	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Power supply (Outdoor)	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50
Max input consumption	W	4,100	4,100	5,100	6,400	6,400	7,100	7,200	7,800
Max input current	A	18.1	18.0	22.5	28.2	28.2	32.1	30.0	33.1
Average (Cooling)	Pdesign	kW	7.00	8.70	10.10	12.70	12.70	13.89	14.60
	SEER	W/W	6.73	6.10	6.10	6.05	5.90	5.64	5.70
	ηsc	100%	-	-	-	239%	233%	223%	225%
	Energy Efficiency Class		A++	A++	A++	A+	A+	A+	A+
Average (Heating)	Annual energy consumption	kWh/a	388	511	580	757	705	894	859
	Pdesign	kW	6.00	7.20	8.20	9.50	9.50	13.50	13.00
	SCOP	W/W	4.33	4.20	3.92	3.98	3.90	3.81	3.75
	ηsc	100%	-	-	-	156%	149%	149%	147%
Cooling	Capacity (Rated)	kW	7.00	8.70	10.10	12.70	12.70	13.89	14.60
	Capacity (Range_Min-Max)	kW	2.40-7.85	4.00-9.20	3.50-11.00	3.30-13.20	3.30-13.20	3.40-16.20	3.40-16.20
	Input	kW	1.91	2.71	3.72	4.24	4.31	4.81	5.00
	Current	A	8.5	11.8	16.8	18.7	18.7	20.9	22.5
Heating	Capacity (Rated)	kW	8.25	9.00	11.20	13.50	13.30	16.53	15.80
	Capacity (Range_Min-Max)	kW	2.10-8.80	3.50-9.50	3.32-12.00	3.00-14.60	3.00-14.60	3.70-18.00	3.70-18.00
	Input	kW	2.03	2.25	3.50	3.70	3.86	4.71	4.95
	Current	A	9.00	9.80	16.00	16.80	16.80	21.00	22.80
Indoor unit	COP	W/W	4.06	4.00	3.20	3.65	3.45	3.51	3.19
	Dimension (W×H×D)	mm	840×248×840	840×248×840	840×248×840	840×298×840	840×298×840	840×298×840	840×298×840
	Weight (Net/Gross)	kg	25/34	27/36	27/36	32/41	32/41	32/41	32/41
	Air Volume (Hi/Med/Lo)	m ³ /h	1,180/980/720	1,400/1,120/900	1,600/1,300/1,000	1,850/1,700/1,550	1,850/1,700/1,550	2,100/1,700/1,400	2,100/1,700/1,400
	Sound Level (SPL)(Hi/Med/Lo)	dB(A)	45/42/37	48/46/42	50/45/42	51/49/47	51/49/47	51/45/42	52/45/42
	Sound Level (PWL)(Hi)	dB(A)	59	62	65	64	64	65	68
	Controller (Type/Model)		Wireless/H CRA31NEWH	Wireless/H CRA31NEWH	Wireless/H CRA31NEWH	Wireless/H CRA31NEWH	Wireless/H CRA31NEWH	Wireless/H CRA31NEWH	Wireless/H CRA31NEWH
	Drain pump		Included	Included	Included	Included	Included	Included	Included
	Air filter		Included	Included	Included	Included	Included	Included	Included
	Panel	Dimension (W×H×D)	mm	950×37×950	950×37×950	950×37×950	950×37×950	950×37×950	950×37×950
Compressor	Weight (Net/Gross)	kg	6.0/10.0	6.0/10.0	6.0/10.0	6.0/10.0	6.0/10.0	6.0/10.0	
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
Outdoor unit	Dimension (W×H×D)	mm	860×670×310	860×670×310	950×840×340	950×1,050×340	950×1,050×340	950×1,386×340	
	Weight (Net/Gross)	kg	49/53	49/53	70/75	85/95	85/95	101.5/114.5	
	Air Volume (Hi)	m ³ /h	3,150	3,150	3,800	5,800	5,800	6,300	
	Sound Level (SPL)(Hi)	dB(A)	54	54	58	62	62	67	
	Sound Level (PWL)(Hi)	dB(A)	69	70	70	76	76	80	
	Refrigerant (Type/Amount)	kg	R32/1.40	R32/1.45	R32/2.00	R32/2.50	R32/2.50	R32/3.00	
	Refrigerant piping	Liquid/Gas	mm(mch)	Φ9.52/Φ15.88 (3/8"/5/8")	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")	
Ambient temperature	Max pipe length	m	50	50	50	50	50		
	Max height difference (OD lower)	m	30	30	30	30	30		
	Max height difference (OD higher)	m	30	30	30	30	30		
	Add Refrigerant Amount	g/m	28	28	28	28	28		
	Pipe Length for Additional Refrigerant	m	5	5	5	5	5		
Cooling	°C	-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		

Nominal testing conditions:
Cooling - Indoor (27°C DB / 19°C WB) & Outdoor (35°C DB / 24°C WB)
Heating - Indoor (20°C DB / 15°C WB) & Outdoor (7°C DB / 6°C WB)