

Model		AC-O-18HP14	AC-O-24HP14	AC-O-30HP14	AC-O-36HP14	AC-O-42HP14	AC-O-48HP14	AC-O-60HP14
Outdoor power supply		/Ph/H	208/230/1/60	208/230/1/60	208/230/1/60	208/230/1/60	208/230/1/60	208/230/1/60
Cooling	Capacity	Btu/h	17000	22000	28000	33000	40000	46000
	Input		1520	1930	2305	2730	3340	3670
	EER2	Btu/h.	11.40	11.20	11.40	11.40	11.40	11.20
	SEER2 AHRI Certified	Btu/h.	14.3	14.3	14.3	14.3	14.3	14.3
Heating	Capacity	Btu/h	17000	21500	26000	32000	41500	53000
	HSPF2 AHRI Certified	Btu/h.	7.50	7.50	7.50	7.50	7.50	7.50
Max. input consumption			2500.00	2800.00	3700.00	4200.00	5430.00	5400.00
Max. current			20.00	20.00	25.00	30.00	30.00	35.00
Compressor	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Capacity	Btu/h	20300	24000	30000	36500	42900	49400
	Input		1350	1570	1920	2310	2740	3200
	Rated current RLA		11.20	12.40	15.10	19.80	20.20	25.00
	Locked rotor Amp LRA		58.00	62.00	77.00	84.00	105.00	120.00
	Thermal protector	u	40	40	40	45	45	80
	Refrigerant oil	ml	740	740	740	740	740	1240
Outdoor fan motor	Brand		GREEN-INTELLIGENCE	GREEN-INTELLIGENCE	GREEN-INTELLIGENCE	GREEN-INTELLIGENCE	GREEN-INTELLIGENCE	PANASONIC
	Type		AC	AC	AC	AC	AC	DC
	Input		162.00	162.00	222.00	230.00	230.00	370.00
	Output		85.00	85.00	160.00	110.00	110.00	230.00
	Full load amps FLA		1.0	0.9	1.2	1.0	1.0	2.0
	Capacitor	µF	6	6	6	6	6	12
	Speed	rpm	970.00	970.00	1100.00	850.00	850.00	1110.00
Outdoor coil	Number of row		2	2	2	2	2	2.5
	Fin spacing	in	1/18	1/18	1/18	1/18	1/18	1/18
	Fin material		Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin
	Tube outside diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7	Φ7
	Tube type		Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved
	Coil L x H x W	in	61.7×23.15×1.05	61.7×23.15×1.05	61.7×23.15×1.05	83.8×31.48×1.05	83.8×31.48×1.05	83.8×31.48×1.05
	Number of circuit		6	6	6	6	10	10
Outdoor air flow	CFM	2000	2000	2250	2750	3300	4000	
Outdoor sound pressure level	dB A	65	61	63	61	60	68	
ODU Dimension	Unit (W×D×H)	in	23-3/5×23-3/5×25	23-3/5×23-3/5×25	23-3/5×23-3/5×25	29-1/7×29-1/7×25	29-1/7×29-1/7×32-7/8	29-1/7×29-1/7×32-7/8
		mm	600×600×635	600×600×635	600×600×635	740×740×635	740×740×835	740×740×835
	Packing (W×D×H)	in	25×25×26-1/5	25×25×26-1/5	25×25×26-1/5	30-1/2×30-1/2×26-1/5	30-1/2×30-1/2×34-1/10	30-1/2×30-1/2×34-1/10
		mm	635×635×665	635×635×665	635×635×665	775×775×665	775×775×865	775×775×865
	Net / Gross weight	k	67.4/70.0	66.4/69	67.4/70	78.5/82.5	88.6/93.1	97.5/102
	lbs	148.6/154.3	146.4/152.1	148.6/154.3	173.1/181.9	195.3/205.3	215.0/225.0	
Refrigerant	Type		R32	R32	R32	R32	R32	
	Charging volume	k	2.10	2.30	2.35	2.50	3.35	3.70
Refrigerant pipe	Liquid side	in	Φ3/8	Φ3/8	Φ3/8	Φ3/8	Φ3/8	
	Gas side	in	Φ3/4	Φ3/4	Φ3/4	Φ3/4	Φ3/4	
	Max. ref. pipe length	ft	150	150	150	150	150	
	Max. difference in level	ft	60	60	60	60	50	
Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	
Max. pressure	MPa	6.40	6.40	6.40	6.40	6.40	6.40	
Operation temp range	Cooling	°F	61-118	61-118	61-118	61-118	61-118	
	Heating	°F	17-80	17-80	17-80	17-80	17-80	
Shipping per STD 20/40/40HQ			81/162/216	81/162/216	81/162/216	63/135/180	42/90/135	42/90/135

