

			OPTICLIMA WiFi Pro			
Model		Indoor	GAC-IX09-WS4IB-WHT	GAC-IX12-WS4IB-WHT	GAC-IX18-WS4IB-WHT	GAC-IX24-WS4IB-WHT
		Outdoor	GAC-OX09-WS4-WHT	GAC-OX12-WS4-WHT	GAC-OX18-WS4-WHT	GAC-OX24-WS4-WHT
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	8870 (2730-11600)	11940 (2730-12965)	18085 (6825-21495)	24225 (7165-27295)
	Nominal	kW	2.60	3.5	5.30	7.10
	Range (Min-Max)	kW	2.60 (0.8-3.4)	3.50 (0.8-3.8)	5.30 (2.0-6.3)	7.10 (2.1-8.0)
Energy Efficiency	SEER		8.80	8.51	8.51	8.5
Energy Efficiency	EER		4.00	3.31	3.61	3.60
Energy Class			A+++	A+++	A+++	A+++
Pdesign Capacity		kW	2.60	3.20	5.30	7.10
Power Input	Nominal	kW	0.650	1.057	1.468	1.970
Power Input	Range (Min-Max)	kW	(0.3-1.2)	(0.3-1.3)	(0.21-2.2)	(0.32-2.9)
Annual Energy Consumption		kWh/a	103	132	218	292
Operating Limits	Min-Max	°C	-20- 50°C (out)	-20- 50°C (out)	-20- 50°C (out)	-20- 50°C (out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	10235 (2385-12625)	12625 (2385-13650)	20130 (4605-23200)	25250 (5120-29000)
Capacity	Nominal	kW	3.00	3.70	5.90	7.40
Capacity	Range (Min-Max)	kW	(0.7-3.7)	(0.7-4.0)	(1.35-6.8)	(1.5-8.5)
Energy Efficiency	SCOP		4.60	4.60	4.60	4.60
Energy Efficiency	COP (Mild)		3.71	3.41	4.00	3.80
Energy Efficiency	SCOP (Warm/Cold)		5.50/-	5.60/-	5.40/-	5.40/-
Energy Class	Mild/Warm/Cold		A++/A+++/-	A++/A+++/-	A++/A+++/-	A++/A+++/-
Pdesign Capacity (-10°C)		kW	2.50	2.8	4.70	5.60
Power Input	Nominal	kW	0.808	1.085	1.475	1.950
Power Input	Range (Min-Max)	kW	(0.3-1.4)	(0.3-1.4)	(0.5-2.7)	(0.6-3.2)
Annual Energy Consumption		kWh/a	761	852	1430	1704
Operating Limits		°C	-20- 24°C (out)	-20- 24°C (out)	-20-24°C (out)	-20- 24°C (out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor	outdoor

Indoor						
Net Dimension	W/D/H	mm	812*203*296	812*203*296	983*221*322	1119*246*349
Package Dimension	W/D/H	mm	876*272*365	876*272*365	1050*301*397	1185*331*428
Net/Shipping Weight		kg	8.8/11.1	8.8/11.1	12.8/14.9	15.4/18.9
Air Flow (Cooling/Heating)	Max	m ³ /h	610/550	630/580	800/830	1060/910
Sound Power Level	Cooling (Hi)	dB(A)	58	60	60	65
	Heating (Hi)	dB(A)	58	60	60	65
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	38/33/27/19	39/34/28/20	44/40/35/28	47/45/37/29
	Heating (Hi/Mid/Lo/So)	dB(A)	36/31/27/19	35/32/28/20	44/40/35/28	47/45/37/29
Moisture Removal		10 ⁻³ m ³ /h	1.2	1.4	2.3	3.0
Outdoor						
Compressor			RECHI	HIGHLY	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	753*275*549	753*275*549	820*306*642	890*340*705
Package Dimension	W/D/H	mm	875*360*608	875*360*608	940*390*697	1010*440*764
Net/Shipping Weight		kg	22.4/24.8	24.0/26.4	36.3/38.5	43.0/47.0
Air Flow (Cooling/Heating)	Max	m ³ /h	2500	2500	2700	3000
Sound Power Level	Hi	dB(A)	63	63	65	70
Sound Pressure Level	Hi	dB(A)	49	51	55	57
Running Current	Max	A	6.2	6.2	12.3	14.5
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	gr	540	550	1100	1350
Refrigerant Pipe	Liquid Side Diameter	Inch	1/4"	1/4"	1/4"	3/8"
	Gas Side Diameter	Inch	3/8"	3/8"	1/2"	5/8"
	Max Pipe Length/Height	m	20/10	20/10	25/15	25/15
	Max Pipe Length without Additional Charge	m	5	5	7	7
	Additional Charge	gr/m	20	20	20	20