



turn to the expertsSM



Better comfort and power saving – the Carrier Aspire range of Inverter Hi-Walls with DC Inverter technology balanced with efficiency levels to give you a comfortable heating or cooling solution.

Aspire
INVERTER HI-WALL



Aspire

INVERTER HI-WALL



- Low ambient heating at -15°C
- Cooling at -10°C ambient
- Customised air distribution: with three fan speeds
- Automatic error diagnosis
- Hidden display: light can be turned off by remote controller when unit is running
- Louver position memory: when starting the unit (after shutting down), the louvers will restore to the angle originally set by the user
- Silent mode: the indoor unit can operate at a lower noise level. This occurs as the fan speed can shift lower, thereby reducing the sound of the indoor unit
- Follow me: the sensor built into the remote controller is active and the air conditioner will regulate the room temperature based on the temperature around the remote controller
- 5 year warranty for consumer confidence

Features



INDOOR		42QHFO25	42QHFO36	42QHFO50	42QHFO60	42QHFO65	42QHFO80
OUTDOOR		38QHFO25	38QHFO36	38QHFO50	38QHFO60	38QHFO65	38QHFO80
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	R410A
Power Supply (Volts-Phase-Hz)		220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz
COOLING	Capacity - Rated (Range)	kW 2.50(1.25-3.50)	3.60(1.40-4.40)	4.89(1.60-5.30)	5.93(1.80-6.70)	6.30(1.85-6.90)	8.00(3.40-8.50)
	Power Input - Rated (Range)	kW 0.61(0.30-1.15)	0.88(0.35-1.20)	1.44(0.40-1.80)	1.80(0.50-2.40)	1.91(0.55-2.30)	2.35(0.80-2.70)
	Efficiency - Rated (Range)	EER 4.10(3.00-4.50)	4.10(3.60-4.70)	3.40(2.90-4.40)	3.30(2.80-4.00)	3.30(3.00-3.90)	3.40(3.10-4.40)
	Operating Current (Range)	A 2.8(1.4-5.3)	3.9(1.6-5.4)	6.4(1.8-8.0)	7.9(2.2-10.5)	8.6(2.5-10.3)	10.4(3.6-12.0)
HEATING	Capacity - Rated (Range)	kW 2.70(1.10-4.00)	3.80(1.10-4.80)	5.50(1.40-6.00)	6.50(1.60-7.10)	7.40(1.70-7.60)	9.00(3.10-9.90)
	Power Input - Rated (Range)	kW 0.68(0.30-1.50)	0.95(0.30-1.60)	1.62(0.40-2.00)	1.97(0.50-2.50)	2.24(0.50-2.40)	2.50(0.80-3.10)
	Efficiency - Rated (Range)	COP 4.00(2.70-4.50)	4.00(3.10-4.60)	3.40(3.00-4.60)	3.30(2.90-4.20)	3.30(3.00-4.10)	3.60(3.20-4.80)
	Operating Current (Range)	A 3.1(1.3-6.7)	4.2(1.3-7.1)	7.1(1.8-8.8)	8.7(2.2-11.0)	9.8(2.2-10.5)	11.1(3.6-13.8)
INDOOR UNIT	Dimension (WxDxH)	mm 800x188x275	940x205x275	940x205x275	1045x235x315	1045x235x315	1260x283x363
	Net Weight	kg 7.5	9.5	9.5	13.0	13.0	19.0
	Cooling Airflow (H/M/L)	L/s 161/139/114	203/175/156	211/178/158	319/267/236	319/267/236	372/300/256
	Moisture Removal	L/hr 0.5	0.7	1.6	1.8	1.9	2.4
	Cooling - (Sound Pressure) (H/M/L) - 1m	dBA (@spl) 41/37/33	44/41/38	44/41/38	50/45/42	51/46/42	51/45/39
	Cooling Sound Power (H)	52	55	55	61	62	62
	Heating - (Sound Pressure) (H/M/L) - 1m	dBA (@spl) 41/37/33	44/41/38	44/41/38	50/45/42	51/46/42	51/45/39
	Heating - (Sound Power) (H)	dBA (@swl) 52	55	55	61	62	62
OUT-DOOR UNIT	Dimension (WxDxH)	mm 780x250x540	810x310x558	810x310x558	845x320x700	900x315x860	900x315x860
	Net Weight	kg 30.0	35.0	37.0	48.0	56.5	60.0
	Compressor Type	rotary	rotary	rotary	twin rotary	twin rotary	twin rotary
	Fan Motor Output	W 36	40	40	53	100	72
	Cooling - (Sound Pressure) (H) at 1m distance	dBA (@spl) 55	56	57	61	62	61
	Cooling Sound Power (H)	66	67	68	72	73	72
	Cooling Usable Temperature Range	°C -10-48	-10-48	-10-48	-10-48	-10-48	-10-48
	Heating Usable Temperature Range	°C -15-24	-15-24	-15-24	-15-24	-15-24	-15-24
PIPE SIZE	Liquid Line Ø/Gas Line Ø	mm/inch 6.35/9.52 / 1/4"/3/8"	6.35/12.7 / 1/4"/1/2"	6.35/12.7 / 1/4"/1/2"	9.52/15.9 / 3/8"/5/8"	9.52/15.9 / 3/8"/5/8"	9.52/15.9 / 3/8"/5/8"
	Coupler Style	flaring	flaring	flaring	flaring	flaring	flaring
	Drain (Inside Diameter) Ø	mm 16	16	16	16	16	16
	Minimum Length	m 3	3	3	3	3	3
	Maximum Length	m 20	20	25	25	25	25
	Chargeless Length	m 5	5	5	5	5	5
	Additional Refrigerant	gm / m 15	15	15	30	30	30
	Maximum Height Difference (Above/Below)	m 8	8	10	10	10	10

Notice: AHI Carrier is committed to continuously improving its products, to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications subject to change without prior notice. Date: Apr 2015 Equipment rated in accordance with 3893.2.2011 EA0E

AHI Carrier (NZ) Ltd
 211 Station Road, Penrose, Auckland
 Tel: 09 3556720 Fax: 09 3556735

