



42LUVH

ELITE INVERTER HI-WALL

TOP COMFORT AND POWER SAVINGS

The Carrier Elite range of light commercial Inverter Hi-walls offers the latest DC inverter technology balanced with high efficiency levels to give you a heating or cooling solution you will feel comfortable with.



Electrostatic Carbon Filter - Odour remover

Static charge produced by forcing air across the electrostatic filter which includes electrostatically charged filtration media traps & removes particles causing allergic reactions. Active carbon filter eliminates unpleasant odor & gases inside the conditioned space.



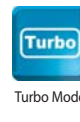
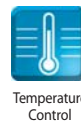
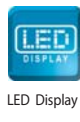
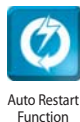
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42LUVH ELITE INVERTER LIGHT COMMERCIAL HI-WALL

- Heating performance even at -10 °C outdoor temperature.
- Suitable for applications that require up to 25 m distance between the indoor and the outdoor units.
- Customised air distribution: six different air flow positions
- Stable indoor comfort and low room temperature fluctuation.
- Infra-red remote control
- Auto, Dry, Turbo and Sleep modes.
- 24 hour timeclock with auto on and off settings.
- Automatic error diagnosis
- Three Year Carrier Silver Warranty



Heat Pump systems		Size	26	34	50	60	70	80
Nominal cooling capacity	C	kW	2.6	3.5	5.0	6.0	6.7	8.0
Cooling range (min. ÷ max.)	C	kW	0.6 - 3.3	1.1 - 4.0	2.3 - 5.6	3.0 - 6.4	3.5 - 7.0	3.5 - 8.5
Nominal power input	C	W	680	910	1590	1920	2160	2490
E.E.R.	C	W/W	3.91	3.81	3.27	3.25	3.24	3.20
Energy Star Rating prior before Apr2010	C	Star	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Energy Star Rating from Apr2010	C	Star	★★★	★★★	★★	★★	★★	★★
Nominal heating capacity	H	kW	3.1	3.9	5.5	6.5	7.8	8.6
Heating range (min. ÷ max.)	H	kW	0.9 - 3.9	1.2 - 4.2	2.3 - 5.7	2.8 - 6.8	3.2 - 7.9	3.5 - 9.0
Nominal power input	H	W	750	960	1510	1790	2110	2570
C.O.P.	H	W/W	4.13	4.02	3.61	3.60	3.71	3.34
Energy Star Rating prior before Apr2010	H	Star	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Energy Star Rating from Apr2010	H	Star	★★★	★★★	★★	★★	★★	★★
Indoor unit	Model		42LUVH026K	42LUVH034K	42LUVH050K	42LUVH060K	42LUVH070K	42LUVH080K
Dehumidification	l/h		3.81	3.91	3.41	3.41	3.41	3.00
Nominal air flow (l/m/h)	l/s		122/142/180	142/158/194	134/183/236	250/286/300	250/286/300	250/278/342
Sound pressure level (l/m/h)	dB(A)		33/36/39	35/38/41	39/42/45	42/45/48	42/45/48	44/47/50
Dimensions (h x w x d)	mm		265 x 790 x 195	292 x 920 x 225	292 x 920 x 225	330 x 1080 x 228	330 x 1080 x 228	325 x 1250 x 230
Weight	kg		9	12	12	16	16	18
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
Outdoor unit	Model		38LUVH026K	38LUVH034K	38LUVH050K	38LUVH060K	38LUVH070K	38LUVH080K
Compressor type			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Maximum pipe length	m		20	20	20	25	25	25
Maximum height difference	m		8	8	8	10	10	10
Pre-charged pipe length	m		5	5	5	5	5	5
Flare connections (gas - liquid)			1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Air flow	m³/h		1800	1800	2200	2700	3500	3500
Sound pressure level	dB(A)		55	55	58	55	58	60
Dimensions (h x w x d)	mm		590 x 760 x 285	590 x 760 x 285	590 x 760 x 285	695 x 845 x 335	860 x 895 x 330	860 x 895 x 330
Weight	kg		36	36	41	47	62	76
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
Operating range (min. ÷ max.)	C	°C	18 ÷ 50	18 ÷ 50	18 ÷ 50	18 ÷ 50	18 ÷ 50	18 ÷ 50
Operating range (min. ÷ max.)	H	°C	-10 ÷ 34	-10 ÷ 34	-10 ÷ 34	-10 ÷ 34	-10 ÷ 34	-10 ÷ 34
Power connected to			Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor
Interconnecting wiring no and core	mm²		2.5/3c+e	2.5/3c+e	2.5/3c+e	2.5/4c+e	2.5/4c+e	4.0/4c+e
Power wiring core	mm²		2.5/2c+e	2.5/2c+e	2.5/2c+e	2.5/2c+e	2.5/2c+e	4.0/2c+e



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