



Turn to the Experts

# ALPHA



## Hi-Wall Split System Air Conditioners

At Carrier, our products stand with unmatched expertise. As the inventors of air conditioning over 100 years ago, we have the world's largest selection, and the latest in comfort technology, efficiency and noise reduction. In Australia, Carrier constantly strives to satisfy your home cooling and heating needs with products designed to handle the ever-changing harsh, Australian climate.

Whether it's your first air conditioning purchase, or someone who wants a practical and reliable replacement for their current system, Carrier Alpha is the first choice. With more homes worldwide trusting Carrier than any other brand, it's time for you to Turn to the Experts.

Carrier Alpha series of Hi-Wall air conditioners offers a full range of heating and cooling requirements of your home. Carrier Alpha also offers the latest inverter technology for lower noise and lower runnings costs. The new Carrier Alpha Inverter models use R407c refrigerant which has an ozone depletion potential (ODP) of zero.

For peace of mind Carrier Alpha comes complete with a 3 year parts and labour warranty fully backed by our own Carrier service operations.

Practical Comfort, Carrier Alpha Hi-Wall air conditioners offer a complete range of both cooling only and reverse cycle systems to handle a wide range of comfort requirements. From 2.6kW up to the large capacity 9.3kW model, we have your application covered. Carrier Alpha Hi-Wall systems come complete with a full function remote control (with timer), low noise levels, excellent filtration and the famous Carrier strength and reliability.

## Specifications.

### Reverse Cycle Inverter (R-407c)

Model Number -System		AS10HV-1	AS15HV-1
Indoor		AI10HV-1	AI15HV-1
Outdoor		AO10HV-1	AO15HV-1
Cooling Capacity - Rated (Range)	kW	2.60 (0.80 - 3.10)	3.50 (0.90 - 3.90)
COP - Rated (Range)		2.44 (2.96 - 2.11)	2.54 (2.90 - 2.28)
Heating Capacity - Rated (Range)	kW	3.30 (0.80 - 4.10)	4.50 (0.90 - 5.00)
COP - Rated (Range)		2.50 (2.96 - 2.28)	2.66 (3.00 - 2.10)
Compressor type		Rotary	Rotary
Moisture Removal	L/hr	1.00	1.20
Power Supply	Volts	240	240
Power input Cooling - Rated (Range)	kW	1.07 (0.27 - 1.47)	1.38 (0.31 - 1.71)
Heating - Rated (Range)	kW	1.32 (0.27 - 1.80)	1.69 (0.30 - 2.38)
Operating current Cooling - Rated (Range)	A	4.50 (1.20 - 6.60)	5.80 (1.60 - 7.60)
Heating - Rated (Range)	A	5.50 (1.45 - 9.30)	6.80 (1.60 - 10.60)
<b>Indoor Unit</b>			
Dimension (HxWxD)	(mm)	250 x 750 x 188	280 x 815 x 196
Net Weight	(kg)	9.00	11.00
Airflow Volume (H/M/L)	(L/s)	144/119/92	156/128/106
Fan Motor Output @ high RPM	(W)	17	20
Operating Noise (Sound Pressure) (H/M/L)	dBA	39/35/32	38/33/31
<b>Outdoor Unit</b>			
Dimension (HxWxD)	(mm)	540 x 780 x 250	540 x 780 x 250
Net Weight	(kg)	37	40
Airflow Volume	(L/s)	542	570
Fan Motor Output	(W)	34	38
Operating Noise (Sound Pressure) (H)	dB	50	52
Operating Noise (Sound Power) (H)	dBA	61	63
<b>Pipe Size</b>			
Liquid Side	(mm/inch)	6.35 (1/4")	6.35 (1/4")
Gas Side	(mm/inch)	9.53 (3/8")	12.70 (1/2")
Coupler Style		Flare	Flare
Drain	(Inside Dia.mm)	16	16
Max. Piping Length	(m)	10	10
Chargeless Length	(m)	5	5
Max. Piping Height	(m)	5	5
Usable Outdoor Temp	Cooling, °C	12-45	12-45
	Heating, °C	-15-27	-15-27

## Reverse Cycle (Fixed Speed R-22)

Model Number -System		AS10H-1	AS15H-1	AS25H-1	AS30H-1	AS35H-1
Indoor		AI10H-1	AI15H-1	AI25H-1	AI30H-1	AI35H-1
Outdoor		A010H-1	A015H-1	A025H-1	A030H-1	A035H-1
Cooling Capacity - Rated	kW	2.57	3.20	6.07	6.93	9.12
COP		2.51	2.49	2.54	2.59	2.41
Heating Capacity - Rated	kW	2.94	3.82	7.19	8.30	10.86
COP		2.93	2.86	3.01	2.96	2.64
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll
Moisture Removal	L/hr	1.00	1.20	2.00	2.30	3.50
Power Supply	Volts	240	240	240	240	240
Power input (Cooling)	kW	1.03	1.29	2.39	2.67	3.78
(Heating)	kW	1.00	1.34	2.39	2.78	4.12
Operating current (Cooling)	A	4.50	5.50	10.30	12.50	16.90
(Heating)	A	4.40	5.80	10.40	13.00	18.30
<b>Indoor Unit</b>						
Dimension (HxWxD)	(mm)	250 x 750 x 188	250 x 750 x 188	330 x 1080 x 222	330 x 1080 x 222	325 x 1250 x 230
Net Weight	(kg)	8.50	8.50	17.00	17.00	18.00
Airflow Volume (H/M/L)	(L/s)	125/117/108	153/139/128	292/264/236	315/284/240	350/319/275
Fan Motor Output	(W)	13	13	36	38	39
Operating Noise (Sound Pressure) (H/M/L)	dB(A)	40/37/33	41/38/34	47/45/42	51/50/48	51/48/44
<b>Outdoor Unit</b>						
Dimension (HxWxD)	(mm)	535 x 700 x 235	540 x 780 x 250	696 x 845 x 335	696 x 845 x 335	860 x 895 x 330
Net Weight	(kg)	30	36	60	69	82
Airflow Volume	(L/s)	417	500	694	745	833
Fan Motor Output	(W)	24	24	56	80	100
Operating Noise (Sound Pressure) (H)	dB(A)	52	54	58	60	59
<b>Pipe Size</b>						
Liquid Side	(mm/inch)	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Gas Side	(mm/inch)	9.52	12.70	15.88	15.88	15.88
Coupler Style		Flare	Flare	Flare	Flare	Flare
Drain	(Inside Dia.mm)	15.70	15.70	15.70	15.70	15.70
Max. Piping Length	(m)	10	10	20	20	25
Chargeless Length	(m)	5	5	5	5	5
Max. Piping Height	(m)	5	5	10	10	10
Usable Outdoor Temp	Cooling, °C	18-43	18-43	18-43	18-43	18-43
	Heating, °C	-7-24	-7-24	-7-24	-7-24	-7-24

## Cooling Only (Fixed Speed R-22)

Model Number -System		AS10C-1	AS15C-1	AS25C-1	AS30C-1	AS35C-1
Indoor		AI10C-1	AI15C-1	AI25C-1	AI30C-1	AI35C-1
Outdoor		A010C-1	A015C-1	A025C-1	A030C-1	A035C-1
Cooling Capacity - Rated	kW	2.55	3.17	6.46	7.07	9.28
COP		2.63	2.66	2.74	2.65	2.56
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll
Moisture Removal	L/hr	1.00	1.20	2.00	2.30	3.50
Power Supply	Volts	240	240	240	240	240
Power input (Cooling)	kW	0.97	1.19	2.36	2.67	3.62
Operating current (Cooling)	A	4.20	5.30	10.30	12.50	16.40
<b>Indoor Unit</b>						
Dimension (HxWxD)	(mm)	250 x 750 x 188	250 x 750 x 188	330 x 1080 x 222	330 x 1080 x 222	325 x 1250 x 230
Net Weight	(kg)	8.50	8.50	17.00	17.00	18.00
Airflow Volume (H/M/L)	(L/s)	125/117/108	153/139/128	292/264/236	315/284/240	350/319/275
Fan Motor Output	(W)	13	13	36	38	39
Operating Noise (Sound Pressure) (H/M/L)	dB(A)	40/37/33	41/38/34	47/45/42	50/48/46	51/48/44
<b>Outdoor Unit</b>						
Dimension (HxWxD)	(mm)	535 x 700 x 235	540 x 780 x 250	695 x 845 x 335	695 x 845 x 335	860 x 895 x 330
Net Weight	(kg)	29	34	58	67	80
Airflow Volume	(L/s)	417	500	694	745	833
Fan Motor Output	(W)	24	24	56	80	100
Operating Noise (Sound Pressure) (H)	dB(A)	52	54	58	59	59
<b>Pipe Size</b>						
Liquid Side	(mm/inch)	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Gas Side	(mm/inch)	9.52	12.70	15.88	15.88	15.88
Coupler Style		Flare	Flare	Flare	Flare	Flare
Drain	(Inside Dia.mm)	15.70	15.70	15.70	15.70	15.70
Max. Piping Length	(m)	10	10	20	20	25
Chargeless Length	(m)	5	5	5	5	5
Max. Piping Height	(m)	5	5	10	10	10
Usable Outdoor Temp	Cooling, °C	18-43	18-43	18-43	18-43	18-43

For further information on selecting the correct system please ask:



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