



Turn to the Experts



Hi-Wall

Experience Ultimate Comfort

Energy Efficient

Inverter technology is specially designed to reduce operating costs. The unit adjusts itself to the cooling or heating level required for ultimate comfort, ensuring that energy consumption is minimised.

Advanced Air Flow

The horizontal louvers provide wider airflow to add more comfort throughout your home. By adjusting the swing mode, the louver can be set for optimum airflow for heating and cooling of your rooms.

Superior Design

The superior design of the system allows itself to match the aesthetics of your surroundings.

Reduced Noise Level

The newly designed, sound minimised air management system significantly reduces noise levels. The indoor unit, with the help of its cross flow fan, discharges air for whisper quiet operation.



Carrier uses Puron® (R-410A) the refrigerant of the future. In fact, Puron® has an O.D.P (Ozone Depletion Potential) of zero. As well as being safe, it is non-toxic, non inflammable, reliable and efficient.

The best for the purpose and more efficient, Carrier XPower Systems are equipped with the most advanced technology. Not all gasses are the same. Carrier has chosen the best. Puron®, the refrigerant of the future.

Filtration To Breath Freely

Five step filters allows you to breathe cleaner and healthier air.

- *Filter Level 1 – Reduces dust and lint*
- *Filter Level 2 – Reduces bacteria and microscopic dust*
- *Filter Level 3 – Reduces remaining pollutants*
- *Filter Level 4 – Filters odours*
- *Filter Level 5 – Anti-fungal fan that restrains bacteria and fungus*



* Xpression Grille 100A Inverter
051/061HX Fixed Speed

Specifications

Model Number - Inverter System			53NQV025M-A	53NQV035M-A	53NQV045M-A	53NQV050M	53NQV060M	53XPP100A
Indoor			42NQV025M-A	42NQV035M-A	42NQV045M-A	42NQV050M	42NQV060M	42XPP100A
Outdoor			38NYV025M-A	38NYV035M-A	38NYV045M-A	38NYV050M	38NYV060M	38XPS100A
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
Power Supply			Volts-Phase-Hz		240/1/50	240/1/50	240/1/50	240/1/50
Cooling	Capacity - Rated (Range)	kW	2.50 (1.10 ~ 2.90)	3.50 (1.10 ~ 3.90)	4.50 (0.80 ~ 4.90)	5.00 (1.10 ~ 6.00)	6.00 (1.20 ~ 6.70)	9.00 (3.00 ~ 10.30)
	Efficiency - Rated (Range)	EER	3.25 (3.01 ~ 4.23)	3.21(2.93 ~ 4.31)	2.74 (2.58 ~ 5.16)	3.31 (2.82 ~ 5.79)	3.01 (2.53 ~ 6.00)	3.21 (3.00 ~ 4.40)
	Operating Current (Range)	A	3.39 (1.55 ~ 4.23)	4.75 (1.32 ~ 5.66)	7.00 (0.92 ~ 8.12)	6.53 (1.07 ~ 9.08)	8.54 (1.14 ~ 11.29)	12.50 (3.00 ~ 20.00)
Heating	Capacity - Rated (Range)	kW	3.20 (0.90 ~ 4.00)	4.20 (0.90 ~ 4.90)	5.30 (0.90 ~ 6.10)	5.80 (0.80 ~ 6.30)	7.00 (1.00 ~ 7.50)	9.30 (3.70 ~ 12.40)
	Efficiency - Rated (Range)	COP	3.62 (3.33 ~ 4.39)	3.65 (3.31 ~ 5.14)	3.41 (3.37 ~ 5.81)	3.61 (3.60 ~ 5.52)	3.21 (3.19 ~ 5.26)	3.21 (3.00 ~ 3.36)
	Operating Current (Range)	A	3.90 (1.22 ~ 5.26)	5.00 (0.91 ~ 6.59)	6.64 (0.92 ~ 7.65)	6.87 (0.83 ~ 7.47)	9.31 (1.09 ~ 10.03)	12.80 (3.00 ~ 20.00)
Indoor Unit	Dimension (HxWxD)	mm	250 x 740 x 195	275 x 790 x 205	275 x 790 x 205	320 x 1050 x 228	320 x 1050 x 228	340 x 1460 x 240
	Net Weight	kg	8	9	9	13	13	23
	Cooling Airflow (H/L)	L/s	145 / 100	156 / 86	191 / 103	265 / 163	300 / 183	390 / 300
	Moisture Removal	L/hr	1.50	2.00	2.50	2.80	3.50	4.30
	Cooling - (Sound Pressure) (H/L) - 1m	dBA (@spl)	39 / 30	40 / 27	46 / 31	44 / 32	47 / 35	32 / 27
	Cooling - (Sound Power) (H/L)		54 / 45	55 / 42	61 / 46	59 / 47	62 / 50	55 / 50
	Heating - (Sound Pressure) (H/L) - 1m	dBA (@spl)	41 / 31	41 / 29	46 / 32	44 / 32	47 / 35	31 / 26
	Heating - (Sound Power) (H)	dBA (@swl)	52	53	59	59	62	54
Outdoor Unit	Dimension (HxWxD)	mm	530 x 660 x 240	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	1360 x 900 x 320
	Net Weight	kg	29	35	35	39	40	88
	Compressor Type		DC Single Rotary	DC Single Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
	Fan Motor Output	W	20	43	43	43	43	63
	Cooling - (Sound Pressure) (H) at 1m distance	dBA (@spl)	48	48	49	49	52	50
	Cooling Sound Power (H)		63	63	64	64	67	70
	Cooling Usable Temperature Range	°C	-15 ~ 43	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-15 ~ 46
	Heating Usable Temperature Range	°C	-10 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Pipe Size	Liquid Line Ø	mm/inch	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"	9.52 / 3/8"
	Gas Line Ø	mm/inch	9.52 / 3/8"	9.52 / 3/8"	12.70 / 1/2"	12.70 / 1/2"	12.70 / 1/2"	15.87 / 5/8"
	Coupler Style		Flare	Flare	Flare	Flare	Flare	Flare
	Drain (Inside Diameter) Ø	mm	16.30	16.30	16.30	16.30	16.30	16.30
	Maximum Length	m	10	20(extra charge 20g/m)	20(extra charge 20g/m)	20(extra charge 20g/m)	20(extra charge 20g/m)	70
	Chargeless Length	m	10	15	15	15	15	30
	Maximum Height Difference	m	8	10	10	10	10	30

Model Number - Fixed Speed System			53P051HX	53P061HX
- Indoor			42P051HX	42P061HX
- Outdoor			38P051HX	38P061HX
Refrigerant Type			R410A	R410A
Power Supply			Volts-Phase-Hz	
			240/1/50	240/1/50
Cooling	Capacity - Rated	kW	5.00	6.00
	Efficiency - Rated	EER	3.02	2.97
	Operating Current	A	7.00	8.50
Heating	Capacity - Rated	kW	5.40	6.20
	Efficiency - Rated	COP	3.18	3.04
	Operating Current	A	7.20	8.90
Indoor Unit	Dimension (HxWxD)	mm	295 x 1080 x 200	295 x 1080 x 200
	Net Weight	kg	14	14
	Cooling Airflow (H/L)	L/s	270 / 225	270 / 225
	Moisture Removal	L/hr	2.20	2.80
	Cooling - (Sound Pressure) (H) - 1m	dBA (@spl)	48	48
	Cooling Sound Power (H/L)		59 / 55	59 / 55
Outdoor Unit	Dimension (HxWxD)	mm	820 x 900 x 320	820 x 900 x 320
	Net Weight	kg	52	57
	Compressor Type		Rotary	Rotary
	Cooling - (Sound Pressure) (H) at 1m distance	dBA (@spl)	55	56
	Cooling Sound Power (H)		66	67
	Cooling Usable Temperature Range	°C	15 ~ 43	15 ~ 43
	Heating Usable Temperature Range	°C	-10 ~ 24	-10 ~ 24
Pipe Size	Liquid Line Ø	mm/inch	6.35 / 1/4"	6.35 / 1/4"
	Gas Line Ø	mm/inch	12.70 / 1/2"	15.88 / 5/8"
	Coupler Style		Flare	Flare
	Drain (Inside Diameter) Ø	mm	16.30	16.30
	Maximum Length	m	20	20
	Chargeless Length	m	15	15
	Maximum Height Difference	m	10	10

Distributed by:



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Carrier

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Notice: 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.

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