

Product Specifications

Set Code			SET-ASTG09KMTC-NXT	SET-ASTG12KMTC-NXT	SET-ASTH18KMTD-NXT	
Power Source	V / Ph / Hz		220-240 / 1 / 50			
Capacity	Cooling (Rated (Min - Max))	kW	2.50 (0.80 - 3.60)	3.50 (0.80 - 4.10)	5.00 (1.00 - 6.50)	
	Heating (Rated (Min - Max))	kW	3.20 (0.90 - 5.30)	3.70 (0.9 - 6.10)	6.00 (1.05 - 8.70)	
Input Power	Cooling (Rated (Min - Max))	kW	0.53 (0.15 - 1.04)	0.89 (0.15 - 1.29)	1.16 (0.24 - 1.93)	
	Heating (Rated (Min - Max))	kW	0.66 (0.25 - 1.61)	0.79 (0.25 - 1.89)	1.28 (0.14 - 2.75)	
EER	Cooling	kW / kW	4.71	3.93	4.31	
COP	Heating	kW / kW	4.84	4.68	4.69	
Star Rating	Cooling: Hot/Average/Cold		5.5 / 5 / 5.5	4.5 / 4.5 / 5	5 / 4.5 / 5	
	Heating: Hot/Average/Cold		3.5 / 3 / 3	3.5 / 3 / 2.5	3.5 / 3 / 2.5	
TCSPF ¹	Residential (Hot/Average/Cold)	kW	7.219 / 6.755 / 7.155	6.477 / 6.193 / 6.625	6.652 / 6.300 / 6.726	
HSPF ²	Residential (Hot/Average/Cold)	kW	5.36 / 4.975 / 4.548	5.241 / 4.817 / 4.278	5.004 / 4.676 / 4.181	
Running Current	Cooling/Heating		amps	3.0 / 3.5	4.2 / 4.0	5.3 / 5.8
Moisture Removal			l / hr	0.3	1.0	1.3
Sound Pressure Level	Indoor (Cooling)	High/Quiet	dBA	40 / 19	40 / 19	46 / 29
	Indoor (Heating)	High/Quiet		40 / 21	42 / 21	46 / 29
	Outdoor (Cooling/Heating)	High		46 / 46	49 / 49	47 / 49
Sound Power Level	Outdoor	High		55	59	59
Air Circulation	Indoor (Cooling)	High Fan	l/sec	194	194	283
	Indoor (Heating)	High Fan		197	214	286
Dimensions H x W x D	Indoor		mm	270 x 834 x 222		280 x 980 x 240
	Outdoor			542 x 799 x 290		716 x 820 x 315
Net Weight	Indoor		kg	10.00		12.50
	Outdoor			32.00		41.00
Connection Pipe Diameter (Liquid/Gas)			mm	Ø6.35 / Ø9.52		Ø6.35 / Ø12.70
Pipe Length (Max (Precharged))			m	20 (15)	20 (15)	30 (15)
Max Height Difference			m	15	15	25
Operation Range	Outdoor (Min - Max)	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 50
		Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type			R32	R32	R32
	Charge		kg	850	850	1,270

¹ Total Cooling Seasonal Performance Factor

² Heating Seasonal Performance Factor

SET-ASTH22KMTD-NXT	SET-ASTH24KMTD-NXT	SET-ASTH30KMTD-NXT	SET-ASTH34KMTD-NXT
220-240 / 1 / 50			
6.00 (1.10 - 7.50)	7.10 (1.10 - 8.30)	8.50 (2.90 - 10.50)	9.50 (2.90 - 11.20)
7.20 (1.10 - 9.40)	8.00 (1.10 - 10.10)	9.00 (2.70 - 11.20)	10.30 (2.90 - 11.70)
1.58 (0.24 - 2.72)	2.08 (0.24 - 3.15)	2.49 (0.60 - 4.00)	2.72 (0.66 - 4.20)
1.70 (0.14 - 2.75)	1.91 (0.14 - 3.17)	2.39 (0.48 - 3.60)	3.04 (0.68 - 3.80)
3.80	3.41	3.41	3.49
4.24	4.19	3.77	3.39
4.5 / 4 / 4.5	3.5 / 3.5 / 3.5	4 / 3.5 / 4	4 / 3.5 / 4
3 / 2.5 / 2	3 / 2.5 / 2	4 / 3 / 2	3.5 / 2.5 / 1.5
6.009 / 5.714 / 6.146	5.344 / 5.094 / 5.481	5.560 / 5.284 / 5.716	5.501 / 5.242 / 5.633
4.640 / 4.258 / 3.722	4.819 / 4.265 / 3.586	5.550 / 4.534 / 3.841	5.079 / 4.100 / 3.474
7.1 / 7.7	9.3 / 8.7	11.0 / 10.6	12.0 / 13.4
2.3	2.7	4.4	4.9
48 / 29	49 / 29	51 / 32	51 / 34
48 / 29	49 / 29	48 / 32	51 / 33
49 / 52	54 / 53	53 / 55	58 / 59
61	66	65	70
294	325	381	381
300	331	350	372
280 x 980 x 240		340 x 1150 x 280	
716 x 820 x 315		788 x 940 x 320	998 x 940 x 320
12.50		16.50	16.50
41.00	41.00	53.00	62.00
Ø6.35 / Ø12.70		Ø9.52 / Ø15.88	
30 (15)	30 (15)	50 (20)	50 (25)
25	25	30	30
-10 to 50	-10 to 50	-10 to 50	-10 to 50
-15 to 24	-15 to 24	-15 to 24	-15 to 24
R32	R32	R32	R32
1,270	1,270	1,700	2,300