

Product Specifications

Set Code			SET-ASTG09KMTC*	SET-ASTG12KMTC*	SET-ASTH18KMTD*	SET-ASTH22KMTD*	
Model No.	Indoor unit		ASTG09KMTC	ASTG12KMTC	ASTH18KMTD	ASTH22KMTD	
	Outdoor unit		AOTG09KMTC	AOTG12KMTC	AOTH18KMTD	AOTH22KMTD	
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)	6.00 (1.10 - 7.50)	
	Heating (Rated (Min - Max))	kW	3.20 (0.90 - 5.30)	3.70 (0.9 - 6.10)	6.00 (1.05 - 8.70)	7.20 (1.10 - 9.40)	
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)	1.58 (0.24 - 2.72)	
	Heating (Rated (Min - Max))	kW	0.66 (0.25 - 1.61)	0.79 (0.25 - 1.89)	1.28 (0.14 - 2.75)	1.70 (0.14 - 2.75)	
EER	Cooling	kW / kW	4.71	3.93	4.31	3.80	
COP	Heating	kW / kW	4.84	4.68	4.69	4.24	
Star Rating	Cooling: Hot/Average/Cold		5.5 / 5 / 5.5	4.5 / 4.5 / 5	5 / 4.5 / 5	4.5 / 4 / 4.5	
	Heating: Hot/Average/Cold		3.5 / 3 / 3	3.5 / 3 / 2.5	3.5 / 3 / 2.5	3 / 2.5 / 2	
TCSPF¹	Residential (Hot/Average/Cold)	kW	7.219 / 6.755 / 7.155	6.477 / 6.193 / 6.625	6.652 / 6.300 / 6.726	6.009 / 5.714 / 6.146	
HSPF²	Residential (Hot/Average/Cold)	kW	5.36 / 4.975 / 4.548	5.241 / 4.817 / 4.278	5.004 / 4.676 / 4.181	4.640 / 4.258 / 3.722	
Running Current	Cooling/Heating	amps	3.0 / 3.5	4.2 / 4.0	5.3 / 5.8	7.1 / 7.7	
Moisture Removal		l / hr	0.3	1.0	1.3	2.3	
Sound Pressure Level	Indoor (Cooling)	High/Quiet	dBA	40 / 19	40 / 19	46 / 29	48 / 29
	Indoor (Heating)	High/Quiet		40 / 21	42 / 21	46 / 29	48 / 29
	Outdoor (Cooling/Heating)	High		46 / 46	49 / 49	47 / 49	49 / 52
Sound Power Level	Outdoor	High	55	59	59	61	
Air Circulation	Indoor (Cooling)	High Fan	l/sec	194	194	283	294
	Indoor (Heating)	High Fan		197	214	286	300
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)	30 (15)	
Max Height Difference		m	15	15	25	25	
Operation Range	Outdoor (Min - Max)	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 50	-10 to 50
		Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type		R32	R32	R32	R32	
	Charge		kg	850	850	1,270	1,270

¹ Total Cooling Seasonal Performance Factor

² Heating Seasonal Performance Factor

* Approved for Victorian Energy Upgrades (VEU) Program.

			ALL STATES EXCEPT VIC	VIC ONLY				
Set Code			SET-ASTH24KMTD	SET-ASTH24KMTE*	SET-ASTH30KMTD*	SET-ASTH34KMTD		
Model No.	Indoor unit		ASTH24KMTD	ASTH24KMTE	ASTH30KMTD	ASTH34KMTD		
	Outdoor unit		AOTH24KMTD	AOTH24KMTE	AOTH30KMTD	AOTH34KMTD		
Power Source	V / Ph / Hz		220-240 / 1 / 50					
Capacity	Cooling (Rated (Min - Max))	kW	7.10 (1.10 - 8.30)	7.10 (1.10 - 8.30)	8.50 (2.90 - 10.50)	9.50 (2.90 - 11.20)		
	Heating (Rated (Min - Max))	kW	8.00 (1.10 - 10.10)	8.00 (1.10 - 10.10)	9.00 (2.70 - 11.20)	10.30 (2.90 - 11.70)		
Input Power	Cooling (Rated (Min - Max))	kW	2.08 (0.24 - 3.15)	2.20 (0.24 - 3.15)	2.49 (0.60 - 4.00)	2.72 (0.66 - 4.20)		
	Heating (Rated (Min - Max))	kW	1.91 (0.14 - 3.17)	2.01 (0.14 - 3.17)	2.39 (0.48 - 3.60)	3.04 (0.68 - 3.80)		
EER	Cooling	kW / kW	3.41	3.23	3.41	3.49		
COP	Heating	kW / kW	4.19	3.92	3.77	3.39		
Star Rating	Cooling: Hot/Average/Cold		3.5 / 3.5 / 3.5	3.5 / 3.5 / 4	4 / 3.5 / 4	4 / 3.5 / 4		
	Heating: Hot/Average/Cold		3 / 2.5 / 2	3.5 / 2.5 / 2	4 / 3 / 2	3.5 / 2.5 / 1.5		
TCSPF ¹	Residential (Hot/Average/Cold)	kW	5.344 / 5.094 / 5.481	5.429 / 5.251 / 5.682	5.560 / 5.284 / 5.716	5.501 / 5.242 / 5.633		
HSPF ²	Residential (Hot/Average/Cold)	kW	4.819 / 4.265 / 3.586	5.249 / 4.345 / 3.603	5.550 / 4.534 / 3.841	5.079 / 4.100 / 3.474		
Running Current	Cooling/Heating		amps	9.3 / 8.7	9.8/9.3	11.0 / 10.6	12.0 / 13.4	
Moisture Removal			l / hr	2.7	2.7	4.4	4.9	
Sound Pressure Level	Indoor (Cooling)	High/Quiet	dBA	49 / 29	49 / 29	51 / 32	51 / 34	
	Indoor (Heating)	High/Quiet		49 / 29	49 / 29	48 / 32	51 / 33	
	Outdoor (Cooling/Heating)	High		54 / 53	54 / 53	53 / 55	58 / 59	
Sound Power Level	Outdoor	High		66	66	65	70	
Air Circulation	Indoor (Cooling)	High Fan	l/sec	325	325	381	381	
	Indoor (Heating)	High Fan		331	331	350	372	
Dimensions H x W x D	Indoor		mm	280 x 980 x 240				
	Outdoor			716 x 820 x 315	716 x 820 x 315	788 x 940 x 320	998 x 940 x 320	
Net Weight	Indoor		kg	12.50		16.50		
	Outdoor			41.00	41.00	53.00	62.00	
Connection Pipe Diameter (Liquid/Gas)			mm	Ø6.35 / Ø12.70				
Pipe Length (Max (Precharged))			m	30 (15)		50 (20)		50 (25)
Max Height Difference			m	25		30		30
Operation Range	Outdoor (Min - Max)	Cooling	°CDB	-10 to 50		-10 to 50		-10 to 50
		Heating		-15 to 24		-15 to 24		-15 to 24
Refrigerant	Type		R32		R32		R32	
	Charge		kg	1,270		1,700		2,300

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