

# ThermiStar L Air to Water Heat Pumps 5-41kW



- Outputs from 5kW to 41kW.
- Designed as a split system for flexible installation options.
- Integral cascade functionality.
- Suitable for integration in to Hybrid Heating Systems.
- German Build Quality.

ThermiStar L (Air to Water)(R407C)		5	7	10	13	15	19	28	34	41	
Heat Capacity	kW	5.2	7.1	10.4	13.0	15.3	19.4	27.4	33.6	40.9	
Cooling Capacity	kW	4.0	5.6	8.1	10.0	12.0	14.9	21.3	26.1	31.8	
Performance	COP	3.7	3.9	4.0	4.0	4.0	3.7	4.0	3.9	3.9	
Compressor Circuit		Three Phase , 400V									
Control Circuit		Single Phase, 230V									
Internal Unit		Internal Unit									
Dimension (W x D x H)	mm	690 x 600 x 900					1030 x 730 x 900				
Weight	Kg	107	120	140	160	175	200	207	217	225	
External Unit		External Unit									
Dimensions (W x D x H)	mm	1230 x 880 x 1030			2155 x 880 x 1030			3080 x 880 x 1030			
Weight	Kg	66	73	80	138	138	152	202	217	225	
Noise @ 5m	dB(A)	32	32	38	35	35	41	43	53	53	

ThermiStar L Air – Water. COP at A2/W35 with a source side  $\Delta T$  3 K and an output side of  $\Delta T$  10 K.

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# ThermiStar S Ground Source Heat Pumps 6-110kW



- Outputs from 6kW to 110kW.
- Single compressor units 6kW to 22kW.
- Twin compressor units 32kW to 110kW.
- Integral cascade functionality.
- Suitable for integration in to Hybrid Heating Systems.
- German Build Quality.

ThermiStar S (Ground/Water)(R407C)		06	08	11	13	17	22	32	43	54	64	82	110	
Heating Capacity	kW	5.6	8.1	10.6	12.8	16.7	18.7	33.9	42.5	53.6	62.6	82.3	110.8	
Cooling Capacity	kW	4.29	6.24	8.2	9.9	13.0	14.4	48.4	52.6	69.2	80.9	103.8	144.4	
Heating Performance (*TBC)	COP	4.20	4.32	4.42	4.07	4.18	4.33	4.23*	4.43*	4.28*	4.31*	4.40*	4.32*	
Number of Compressors		1	1	1	1	1	1	2	2	2	2	2	2	
Operational Split								50/100	50/100	50/100	60/100	50/100	50/100	
Compressor Circuit		Three Phase, 400 V												
Control Circuit		Single Phase, 230V												
Dimension (W x D x H)	mm	700 x 600 x 900			1030 x 730 x 900			840x1010x1040			1540 x 1050 x 1040			
Weight	Kg	130	135	140	150	155	160	250	360	430	560	650	720	

ThermiStar S Ground/Water – Water. COP at B0/W35 with a source side  $\Delta T$  3 K and an output side of  $\Delta T$  5 K.  
Cooling B25/W12.

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