

	Inverter Plus 20.5kW	Inverter Plus 17,5kW	Inverter Plus 27,5kW	Inverter Plus 35,8kW
	34-180651	34-180653	34-180654	34-180657
Warranty	3 years warranty / 10 years on the compressor / 10 years on heat exchanger			
Weight	68 kg	63 kg	90 kg	120 kg
Width	954 mm		1084 mm	1154 mm
Height	755 mm	648 mm	948 mm	
Depth	429 mm			539 mm
Casing Material	Aluminum - alloy			
Max input current	17,5 A	13,5 A	21 A	9,5 A
Advised Pool Volume	50 ~ 95 m <sup>3</sup>	40 ~ 75 m <sup>3</sup>	65 ~ 120 m <sup>3</sup>	90 ~ 160 m <sup>3</sup>
Advised Pool Volume in Silence Mode	55 m <sup>3</sup>	45 m <sup>3</sup>	70 m <sup>3</sup>	100 m <sup>3</sup>
Operating Air temperature	-7 ~ 43°C			
Performance Conditions: Air 26°C – Water 26°C – Humidity 80%				
COP	15,3 ~ 6,0	15,8 ~ 6,2	15,4 ~ 6,5	15,6 ~ 5,8
COP at 50% capacity	10,7	11,1	11,2	10,9
Performance Conditions: Air 15°C – Water 26°C – Humidity 70%				
Heating Capacity	14,0 kW	11,5 kW	18,0 kW	24,5 kW
COP	7,7 ~ 4,4	7,8 ~ 4,5	8,1 ~ 4,8	8,0 ~ 4,7
COP at 50% capacity	6,3	6,4	6,8	7,0
Sound pressure at 1m	40,9 ~ 54,2 dB(A)	43,1 ~ 53,8 dB(A)	43,5 ~ 54,9 dB(A)	42,6 ~ 54,7 dB(A)
Sound pressure at 10m	20,9 ~ 34,2 dB(A)	23,1 ~ 33,8 dB(A)	23,5 ~ 34,9 dB(A)	22,6 ~ 34,7 dB(A)
Sound pressure of 50% capacity at 1m	46,4 dB(A)	46,5 dB(A)	48,4 dB(A)	45,8 dB(A)
Compressor Type	Twin-rotary Mitsubishi DC inverter			
Exchanger Housing Shape	Spiral			
Exchanger Material	Titanium tube in PVC			
Casing Material	Aluminium - alloy			
Power Supply	230V/1 Ph/50Hz			400V/3 Ph/50Hz
Rated input power at air 15°C	0,36 ~ 3,18 kW	0,30 ~ 2,6 kW	0,55 ~ 3,8 kW	0,61 ~ 5,2 kW
Rated input current at air 15°C	1,57 ~ 13,8 A	1,3 ~ 11,3 A	2,4 ~ 16,5 A	0,88 ~ 7,4 A

	Inverter Plus 20.5kW	Inverter Plus 17,5kW	Inverter Plus 27,5kW	Inverter Plus 35,8kW
	34-180651	34-180653	34-180654	34-180657
Advised water flux	8 ~ 10 m <sup>3</sup> /h	6,5 ~ 8,5 m <sup>3</sup> /h	10 ~ 12 m <sup>3</sup> /h	12 ~ 18 m <sup>3</sup> /h
Max input current	17,5 A	13,5 A	21 A	9,5 A
Circuit Breaker	20 A	16 A	25 A	16 A
Power cord	3x4 mm <sup>2</sup>	3x2,5 mm <sup>2</sup>	3x6 mm <sup>2</sup>	5x2,5 mm <sup>2</sup>
Connection IN	50 mm			
Connection OUT	50mm			
General Technical Data	<p>The specified pool volumes are only valid under the following conditions:  Swimming pool should be covered during the night. Circulation pump runs at least 15  hours a day. Heating from 1 May to 15 September.  If these conditions are not met, please choose a larger model.</p>			