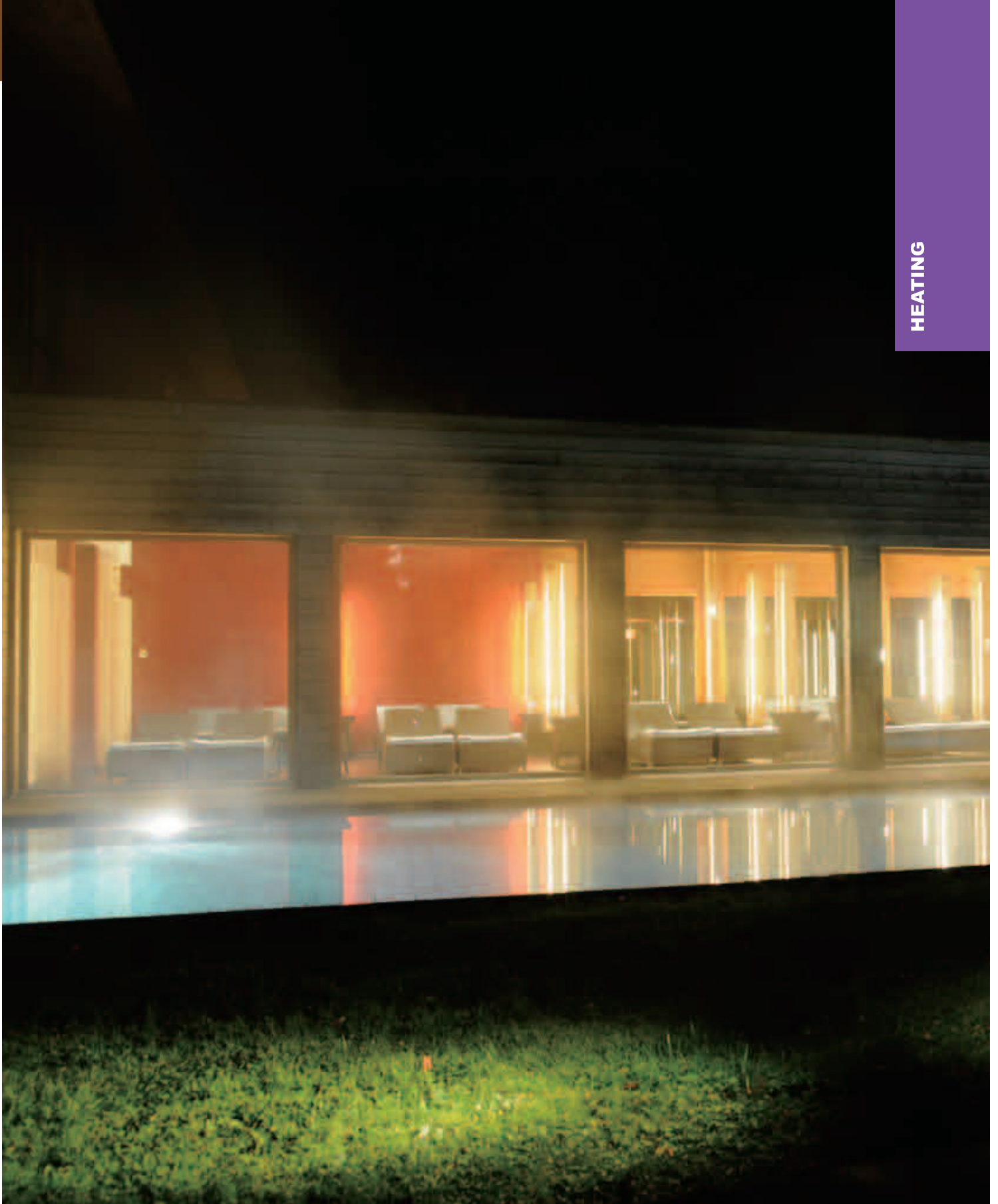


HEATING



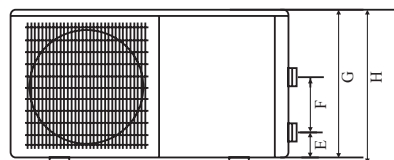
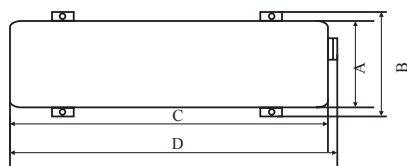
HEATING

Catalogue 2012/13

B2 SERIES

Performance and features

- Durable, The heating exchanger is made of PVC & Titanium tube, which can withstand prolonged exposure to swimming pool water.
- Easy operation, The unit is very easy to operate: switch it on and set the desired pool water temperature.
- Quiet operation, The unit comprises an efficient rotary compressor and a low-noise fan motor, which guarantees its quiet operation.
- The unit can heat your swimming pool water when the air temperature is 10°C or higher.
- Low cost, The operational cost is very low due to its high performance.



Model No.		HP4.5B2	HP5.6B2	HP7.8B2	HP9.5B2
Code		88360703	88360704	88360705	88360706
Rated Heating Capacity	W	4500	5600	7800	9500
	BTU	15300	18000	26500	32500
Heating Input Power	W	1050	1250	1650	1978
Heating Running Current	A	4.8	5.7	7.5	10
Power Supply	V/PH/Hz	220V/1PH/50HZ			
Controller		Mechanical Controller			
Condenser		Titanium Coil			
Quantity of Compressor		1	1	1	1
Compressor		Rotary			
Quantity of Fan		1	1	1	1
Input power of Fan	W	25	25	25	30
Fan Speed	RPM	900	900	900	890
Noise	Db(A)	54	55	55	57
Water Connection	mm	1.5"	1.5"	1.5"	1.5"
Water Flow Volume	m³/h	4-6	4-6	4-7	4-7
Water Pressure Drop	kpa	10	12	12	15
Net Dimension	L	mm	936	936	936
	W		360	360	360
	H		550	550	550
Packing Dimension	L	mm	1090	1090	1090
	W		390	390	390
	H		580	580	580
Weight	Net Weight	KG	36	39	54
	Gross Weight		39	42	57

Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

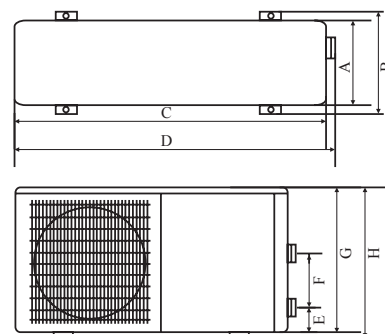
Model	Dimensions (mm)							
	A	B	C	D	E	F	G	H
HP4.5B2	280	360	936	970	80	200	521	550
HP5.6B2	280	360	936	970	80	200	521	550
HP7.8B2	280	360	936	970	80	200	521	550
HP9.5B2	301	370	1010	1050	83	270	585	615



B SERIES

Performance and features

- High efficiency, With a COP value up to 5.0 our heat pumps are very efficient when transferring heat from the air to the swimming pool water. You can save as much as 80% of cost compared to an electrical heater. Long life-span.
- The heat exchanger is made of PVC & Titanium tube, which can withstand and prolong exposure to swimming pool water.
- Easy control and operation. Simply switch it on and set the desired pool water temperature.
- The system includes a micro-computer controller, allowing all operation parameters to be set. Operation status can be displayed on the controller with LCD display.



Model No.		HP5.6B	HP7.8B	HP9.5B
Code		88360304	88360305	88360306
Rated Heating Capacity	W	5600	7800	9500
	BTU	18000	26500	32500
Heating Input Power	W	1083	1625	1938
Heating Running Current	A	5.0	7.5	8.8
Rated Cooling Capacity	W	3200	4800	5900
	BTU	11000	16500	20000
Cooling Input Power	W	1030	1550	1910
Cooling Running Current	A	4.7	7.1	8.7
Power Supply	V/PH/Hz	220V/1PH/50HZ		
Controller		Electronic Controller		
Quantity of Compressor		1	1	1
Compressor		Rotary		
Quantity of Fan		1	1	1
Input power of Fan	W	25	25	30
Fan Speed	RPM	950	950	950
Noise	Db(A)	55	55	58
Water Connection	mm	1.5"	1.5"	1.5"
Water Flow Volume	m ³ /h	2-4	3-5	4-7
Water Pressure Drop	kpa	12	12	15
Net Dimension	L	mm	936	1010
	W		360	370
	H		550	615
Packing Dimension	L	mm	1090	1170
	W		390	415
	H		580	645
Weight	Net Weight	KG	53	63
	Gross Weight		56	67

Measuring Conditions

Heating: Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

Cooling: Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

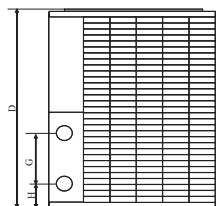
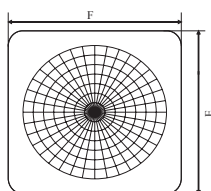
Model	Dimensions (mm)							
	A	B	C	D	E	F	G	H
HP5.6B	280	360	936	950	110	200	520	550
HP7.8B	280	360	936	950	110	200	520	550
HP9.5B	300	370	1010	1085	110	270	580	615



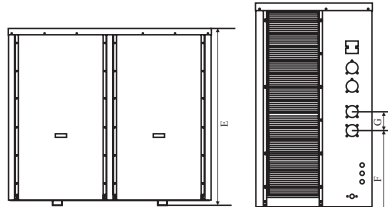
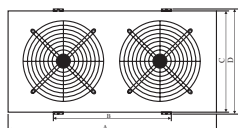
A SERIES

Performance and features

- High efficiency, With a COP value up to 5.0 our heat pumps are very efficient when transferring heat from the air to the swimming pool water. You can save as much as 80% of cost compared to an electrical heater. Long life-span.
- The heat exchanger is made of PVC & Titanium tube, which can withstand and prolong exposure to swimming pool water.
- Easy control and operation. Simply switch it on and set the desired pool water temperature.
- The system includes a micro-computer controller, allowing all operation parameters to be set. Operation status can be displayed on the controller with LCD display



HP14A-26A



HP 35A & 50A

Model No.		HP14A	HP17A	HP21A	HP26A	HP35A	HP50A	
Code		88360108	88360109	88360210	88360211	88360212	88360214	
Rated Heating Capacity	W	14000	17000	21000	26000	35000	50000	
	BTU	48000	60000	73000	90000	120000	170000	
Heating Input Power	W	2880	3500	4250	5300	7100	10300	
Heating Running Current	A	13.3	16.1	7.9	9.3	6.3*2	9.1*2	
Rated Cooling Capacity	W	8600	10300	13500	16000	29000	36000	
	BTU	48000	35200	46000	55000	100000	123000	
Cooling Input Power	W	2980	3600	4650	5730	9600	12100	
Cooling Running Current	A	13.8	16.9	8.3	10.5	7.9*2	10.1*2	
Power Supply	V/PH/Hz	220V/1PH/50HZ		380V/3PH/50HZ				
Controller		Electronic Controller						
Quantity of Compressor		1	1	1	1	2	2	
Compressor		Rotary		Scroll				
Quantity of Fan		1	1	1	1	2	2	
Input power of Fan	W	200	200	200	200	200*2	200*2	
Fan Speed	RPM	850	830	830	830	830	830	
Noise	Db(A)	60	60	60	60	61	61	
Water Connection	mm	1.5"	1.5"	1.5"	1.5"	2.0"	2.0"	
Water Flow Volume	m³/h	5-8	5-8	6-10	6-12	8-15	8-15	
Water Pressure Drop	kpa	15	16	16	16	18	18	
Net Dimension	L	mm	660	660	660	660	1448	1448
	W		660	660	660	660	730	730
	H		860	860	960	960	1060	1060
Packing Dimension	L	mm	700	700	700	700	1630	1630
	W		740	740	740	740	810	810
	H		1010	1010	1110	1110	1180	1180
Weight	Net Weight	KG	105	108	111	112	240	260
	Gross Weight		113	120	123	125	270	290

Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	Dimensions (mm)				
	D	E	G	F	H
HP14A	860	660	370	660	105
HP17A	860	660	370	660	105
HP21A	960	660	370	660	105
HP26A	960	660	370	660	105

Model	Dimensions (mm)						
	A	B	C	D	E	G	F
HP35A	1448	750	700	730	1260	495	115
HP50A	1448	750	700	730	1260	495	115

B1 SERIES

Performance and features

- High efficiency, With a COP value up to 5.0 our heat pumps are very efficient when transferring heat from the air to the swimming pool water. You can save as much as 80% of cost compared to an electrical heater. Long life-span.
- The heat exchanger is made of PVC & Titanium tube, which can withstand and prolong exposure to swimming pool water.
- Easy control and operation. Simply switch it on and set the desired pool water temperature.
- The system includes a micro-computer controller, allowing all operation parameters to be set. Operation status can be displayed on the controller with LCD display.



Model No		HP14B1	HP17B1	HP21B1	HP26B1
Code		88360508	88360509	88360610	88360611
Rated Heating Capacity	W	14000	17000	21000	26000
	BTU	48000	60000	72000	90000
Heating Input Power	W	2880	3500	4350	5300
Heating Running Current	A	13.3	16.2	7.8	8.9
Rated Cooling Capacity	W	8600	10200	13500	16000
	BTU	29500	35000	46000	55000
Cooling Input Power	W	3080	3650	4820	5300
Cooling Running Current	A	14.3	16.8	8.2	9.5
Power Supply	V/PH/Hz	220V/1PH/50HZ		380V/3PH/50HZ	
Controller	¥	Electronic Controller			
Quantity of Compressor	¥	1	1	1	1
Compressor	¥	Rotary	Scroll		
Quantity of Fan	¥	1	1	2	2
Input power of Fan	W	60	90	90*2	90*2
Fan Speed	RPM	950	890	890	890
Noise	Db(A)	60	60	60	60
Water Connection	mm	1.5"	1.5"	1.5"	1.5"
Water Flow Volume	m³/h	5-8	5-8	6-10	6-10
Water Pressure Drop	kpa	15	16	16	16
Net Dimension	L	mm	1110	1110	1110
	W		470	470	470
	H		680	930	1240
Packing Dimension	L	mm	1165	1165	1165
	W		485	485	485
	H		780	1030	1340
Weight	Net Weight	KG	99	115	138
	Gross Weight		104	120	143

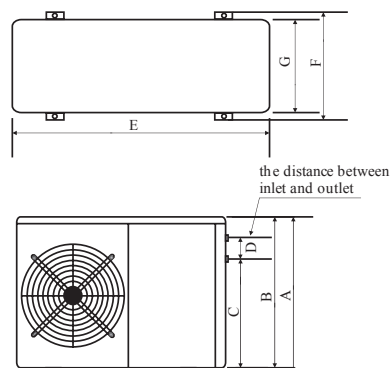
Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	Dimensions (mm)						
	A	B	C	D	E	G	F
HP14B1	680	667	400	115	1110	470	420
HP17B1	930	915	650	115	1110	470	420
HP21B1	1240	1220	650	115	1110	470	420
HP26B1	1240	1220	650	115	1110	470	420

HP14B1 & HP17B1



HP21B1 & HP26B1

