

INVERTER Pool Heat Pump

301094	Pool Heat Pump 9.35 kW
301095	Pool Heat Pump 17.5 kW
301358	Pool Heat Pump 22 kW
301359	Pool Heat Pump 26 kW



TECHNICAL SPECIFICATIONS

PRODUCT CODE	301094	301095	301358	301359
Function	Cooling & Heating			
Controls	Digital LCD display			
Recommended pool volume (m³)	20~50	35~70	45~90	50~100
Power supply	220~240V~ / 50Hz			
Operating ambient temp. (°C)	-10~43		-15~43	
Casing type	ABS plastic – Black/Grey			
Refrigerant	R32			
Refrigerant charge volume (g)	580	800	1,000	1,300
Max. operating pressure / Discharge (MPa)	4.2		4.28	
Max. operating pressure / Suction (MPa)	1.2		1.6	
Protection rating	IPX4			
Power cable (mm²)	3×2.5	3×4.0	3×6.0	
Noise level at 1 m (dB(A))	49	50	≤53	
Noise level at 2 m (dB(A))	21~30	23~31	25~36	26~37
Compressor type	Single rotary DC Inverter	Double rotary DC Inverter		
Condenser	Titanium spiral tube in PVC			
Evaporator	Aluminium fins with hydrophilic coating / copper tubes			
Fan type	Fan with DC motor – Horizontal			
Max. current (A)	10	17	22	23
Impact protection class	Class I			
Circuit breaker (A)	16.0	20.0	25.0	30.0
Max. input power (kW)	2.16	3.66	4.70	4.96
Recommended water flow (m³/h)	≥3	≥5	≥7	≥8
Water connection (mm)	50			
Water inlet temp. – Heating (°C)	5~40			
Water inlet temp. – Cooling (°C)	10~35			
Inlet pressure range (MPa)	0~0.5			

HEATING – AIR 26°C / WATER 26°C / HUMIDITY 80%

Rated capacity (kW)	9.35	17.50	22.15	26.30
Rated power (kW)	0.20~1.87	0.31~3.33	0.40~4.05	0.55~4.81
COP (W/W)	13.31~5.00	5.26~13.55	5.47~13.82	5.47~12.37

HEATING – AIR 15°C / WATER 26°C / HUMIDITY 70%

Rated capacity (kW)	6.95	12.95	17.28	19.80
Rated power (kW)	0.22~1.75	0.47~3.10	0.63~3.84	0.82~4.35
COP (W/W)	5.87~3.97	4.19~7.17	4.50~7.63	4.55~7.17

COOLING – AIR 35°C / WATER 28°C / HUMIDITY 40.3%

Rated capacity (kW)	5.11	5.80	8.82	9.60
Rated power (kW)	1.18	2.11	2.57	3.45
EER (W/W)	4.32	2.75	3.43	2.78

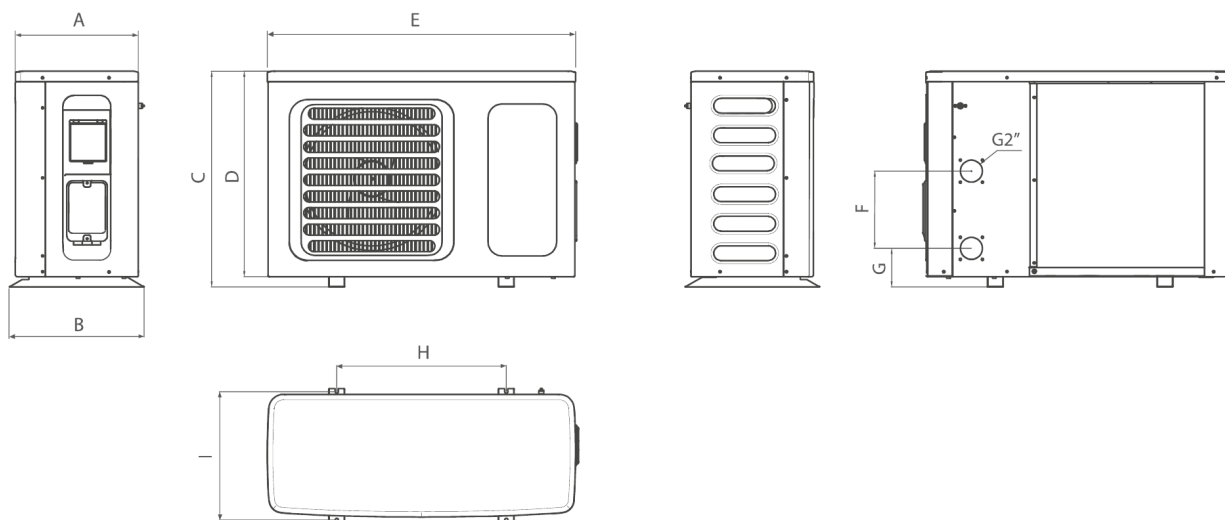
PRODUCT PARAMETERS

Unit dimensions (mm)	842×335×586	938×336×656	1,114×404×776	1,114×404×776
Box dimensions (mm)	912×633×417	990×435×700	1,178×522×818	1,178×522×818
Net weight (kg)	35	48.4	64.2	73.0

COMMUNICATION / INTERFACE

Communication protocol	Wi-Fi / BLE
Management system	Vivion App
Interface	Digital LCD display

DIMENSIONS



Model	A	B	C	D	E	F	G	H	I
301094	335mm	366mm	599mm	586mm	842mm	210mm	105mm	461mm	349mm
301095	336mm	350mm	656mm	N/A	938mm	310mm	120mm	534mm	330mm
301358	404mm	445mm	776mm	750mm	1114mm	400mm	114mm	598mm	425mm
301359									