

AstralPool Heat Pumps

For performance, safety, and peace of mind!



ECOi HP-15 / HP-30

>> Wifi unit controlled by Smartphone App



BOOSTi HP-40 / HP-60

>> Wifi unit controlled by Smartphone App

Inverter technology saves energy and speeds up the heating time.





ASTRALPOOL 

COMFORT ON/OFF

DESCRIPTION

The AstalPool COMFORT ON/OFF Heat Pump has a titanium heat exchanger with proprietary twisted coil design increasing performance by 30% over standard designs. The corrugated louvred fin increase contact with the inlet air further improving efficiency and has Hydrophillic coating on the evaporative coils that aid in resisting frosting.



Product	Product Code	Pack Size	Weight [kg]	Size [mm] (LxWxH)	Manufacturing Defects Warranty
AstalPool COMFORT ON/OFF HP-20 Heat Pump	640-0601	1	51	953x360x605	2 Years*
AstalPool COMFORT ON/OFF HP-35 Heat Pump	640-0603	1	63	953x360x605	2 Years*
AstalPool COMFORT ON/OFF HP-40 Heat Pump	640-0605	1	83	1005x855x470	2 Years*

FEATURES AND BENEFITS

- Smart LCD touch display **for easy operation**
- Heating and cooling function
- **Specially designed water flow edge** on the casing aids in protection of the circuits by directing water away
- Reverse defrosting through the four-way valve
- Can operate at ambient temperatures as low as -7°C
- Titanium heat exchanger with proprietary twisted coil design **increasing performance by 30% over standard designs**
- Corrugated louvred fin increase contact with the inlet air further **improving efficiency**
- Hydrophillic coating on the evaporative coils that **aid in resisting frosting**

SPECIFICATIONS	HP-20	HP-35	HP-40
Power Supply	230V / 50Hz	230V / 50Hz	230V / 50Hz
Compressor	1 Rotary	1 Rotary	1 Rotary
Horizontal Motor Fan	1	1	1
Noise (1 meter)	42 dB(A)	42 dB(A)	42 dB(A)
Noise (10 meter)	52 dB(A)	54 dB(A)	54 dB(A)
Water Connection (Supplied with unions)	D50 mm	D50 mm	D50 mm
Water Flow Volume	3 m³/h	5,3 m³/h	6 m³/h
Max Water Pressure Drop	3,2 kPa	3,7 kPa	2,7 kPa

PERFORMANCE	HP-20	HP-35	HP-40
Performance When Air > 27°C; Water In > 26°C; Water Out > 28°C; Humidity > 80%; Solar Cover In Use			
Max Pool Volume	35 m³	58 m³	70 m³
Power Input	1,45 kW	2,41 kW	2,58 kW
Heating Capacity	8,47 kW	13,70 kW	14,67 kW
COP	5,84	5,68	5,69
Performance When Air > 15°C; Water In > 26°C; Water Out > 28°C; Humidity > 70%; Solar Cover In Use			
Max Pool Volume	25 m³	45 m³	50 m³
Power Input	1,40 kW	2,17 kW	2,54 kW
Heating Capacity	6,01 kW	9,80 kW	11,20 kW
COP	4,29	4,52	4,41
Performance When Air > 10°C; Water In > 26°C; Water Out > 28°C; Humidity > 64%; Solar Cover In Use			
Max Pool Volume	20 m³	35 m³	40 m³
Power Input	1,48 kW	2,23 kW	2,54 kW
Heating Capacity	5,78 kW	9,65 kW	10,92 kW
COP	3,91	4,34	4,3



ASTRALPOOL 

ECOi

DESCRIPTION

The AstalPool ECOi Inverter Heat Pump has inverter technology for intelligent heating & the perfect temperature and it has Wifi unit controlled by Smartphone App. Inverter technology for electrical savings on the compressor with silent mode.

Product	Product Code	Pack Size	Weight (kg)	Size (mm) (LxWxH)	Manufacturing Defects Warranty
 AstalPool ECOi HP-15 Inverter Heat Pump	640-0600	1	42	1030x435x615	2 Years*
 AstalPool ECOi HP-30 Inverter Heat Pump	640-0602	1	46	1030x435x615	2 Years*

FEATURES AND BENEFITS

- Certified A+ energy rating
- R32 Environmentally friendly gas
Smart LCD touch display for easy operation
- COP in excess of 12
- Unique fan blade design further reducing typical wind noise
- Can operate at ambient temperatures as low as -15°C
- WiFi control via Smartphone App



SPECIFICATIONS	HP-15	HP-30
Power Supply	230V / 50Hz	230V / 50Hz
Compressor	1 Rotary	1 Rotary
Motor Fan	1 x Horizontal Fan	1 x Horizontal Fan
Noise (1 meter)	38 to 50 dB(A)	42 to 53 dB(A)
Noise (10 meter)	38 dB(A)	42 dB(A)
Water Connection (Supplied with unions)	D50 mm	D50 mm
Water Flow Volume	2,4m³/h	3,7m³/h
Water Pressure Drop (max)	2 kPa	4 kPa
Refrigerant Gas	R32	R32

PERFORMANCE	HP-15	HP-30
PERFORMANCE WHEN AIR > 27°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 80%; SOLAR COVER IN USE		
Max Pool Volume	35 m³	60 m³
Power Input	0.15 to 1.28 kW	0.16 to 2.00 kW
Heating Capacity	1.82 to 7.24 kW	1.97 to 11.66 kW
COP	12.13 to 5.66	12.57 to 5.84
PERFORMANCE WHEN AIR > 15°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 70%; SOLAR COVER IN USE		
Max Pool Volume	25 m³	40 m³
Power Input	0.24 to 1.28 kW	0.29 to 1.91 kW
Heating Capacity	1.39 to 5.64 kW	1.79 to 8.62 kW
COP	5.79 to 4.41	6.17 to 4.52
PERFORMANCE WHEN AIR > 10°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 64%; SOLAR COVER IN USE		
Max Pool Volume	15 m³	30 m³
Power Input	0.24 to 1.33 kW	0.27 to 1.79 kW
Heating Capacity	1.10 to 4.25 kW	1.37 to 6.56 kW
COP	4.58 to 3.20	5.07 to 3.66



BOOSTi

DESCRIPTION

The AstalPool BOOSTi Inverter Heat Pump has inverter technology for intelligent heating & the perfect temperature plus it has Wifi unit controlled by Smartphone App | Inverter technology for electrical savings on the compressor with silent mode.



Product	Product Code	Pack Size	Weight [kg]	Size (mm) (LxWxH)	Manufacturing Defects Warranty
AstalPool BOOSTi HP-40 Inverter Heat Pump	640-0604	1	71	1110x480x870	2 Years*
AstalPool BOOSTi HP-60 Inverter Heat Pump	640-0606	1	111	1165x470x1275	2 Years*

FEATURES AND BENEFITS

- Certified A+ energy rating
- R32 Environmentally friendly gas
Smart LCD touch display for easy operation
- COP in excess of 12
- Unique fan blade design further reducing typical wind noise
- Can operate at ambient temperatures as low as -15°C
- WiFi control via Smartphone App



WiFi control via Smartphone App

SPECIFICATIONS	HP-40	HP-60
Power Supply	230V / 50Hz Ph 1	230V / 50Hz Ph 1
Compressor	1	1
Motor Fan	1 x Horizontal Fan	2 x Horizontal Fans
Noise (1 meter)	44 to 53 dB(A)	46 to 57 dB(A)
Noise 1m (Silent Mode)	44 dB(A)	46 dB(A)
Noise (10 meter)	24 to 33 dB(A)	26 to 37 dB(A)
Noise 10m (Silent Mode)	24 dB(A)	26 dB(A)
Water Connection (supplied with unions)	D50 mm	D50 mm
Water Flow Volume	5,4 m ³ /h	8,6 m ³ /h
Water Pressure Drop (max)	5 kPa	11 kPa
Refrigerant Gas	R32	R32

PERFORMANCE	HP-40	HP-60
PERFORMANCE WHEN AIR > 27°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 80%; SOLAR COVER IN USE		
Max Pool Volume	75 m ³	120 m ³
Power Input	0.30 to 3.02 kW	0.46 to 4.80 kW
Heating Capacity	3.77 to 17.00 kW	5.7 to 24.20 kW
COP	12.57 to 5.63	12.39 to 5.04
PERFORMANCE WHEN AIR > 15°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 70%; SOLAR COVER IN USE		
Max Pool Volume	55 m ³	85 m ³
Power Input	0.44 to 2.86 kW	0.72 to 4.74 kW
Heating Capacity	2.92 to 12.40 kW	4.68 to 19.90 kW
COP	6.64 to 4.34	6.50 to 4.20
PERFORMANCE WHEN AIR > 10°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 64%; SOLAR COVER IN USE		
Max Pool Volume	40 m ³	60 m ³
Power Input	0.45 to 2.64 kW	0.75 to 4.40 kW
Heating Capacity	2.50 to 10.70 kW	4.20 to 17.80 kW
COP	5.56 to 4.05	5.60 to 4.05