



HPP 6 SWIMMING POOL HEAT PUMP

Function

The HPP 6 is a heat pump especially designed for heating of small and medium sized outdoor pools and spa.

In a HPP 6 pool heat pump hot refrigerant passes through a condenser coil with pool water and the hot refrigerant gives up its heat to the cooler pool water. The heated pool water circulates back to the pool and the now cold refrigerant returns to its former liquid state. The liquid refrigerant passes through an expansion valve and then through an evaporator where it is heated by energy extracted from the warm ambient air. Now the preheated refrigerant is ready to be compressed and the whole process starts all over again.

The HPP heat pump features a 'smart' pool pump control. The control tells the pump to start if heat is required, thus overriding the timer. A pressure gauge shows if there is sufficient refrigerant in the system.

The HPP 6 can operate from 3°C outside air temperatures. In this way the pool season can be extended for several months.

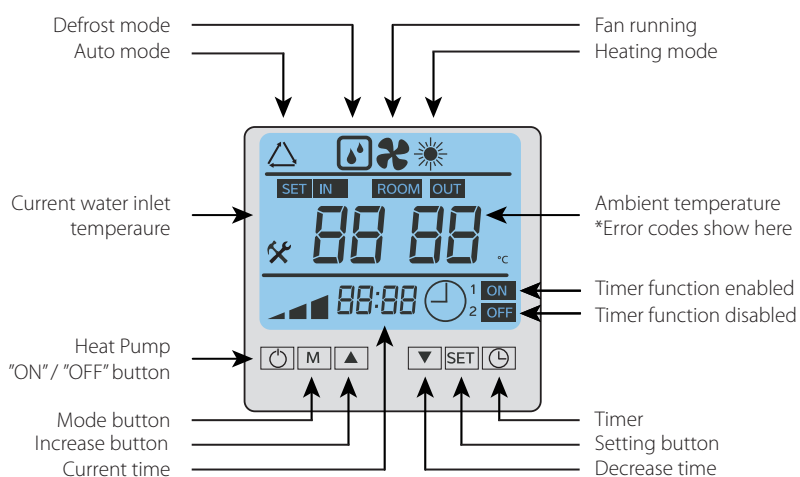
Applications

- Outdoor pools and spa
- Fresh water pools
- Salt water pools (up to 3% salt)
- Therapy pools

FEATURES

- Low sound level
- Nice design
- High efficiency titanium heat exchanger
- ABS cabinet
- 'Smart' pool pump control
- Water flow switch
- Pressure gauge

CONTROL



Accessories

Winter protection cover

TECHNICAL DATA

Model

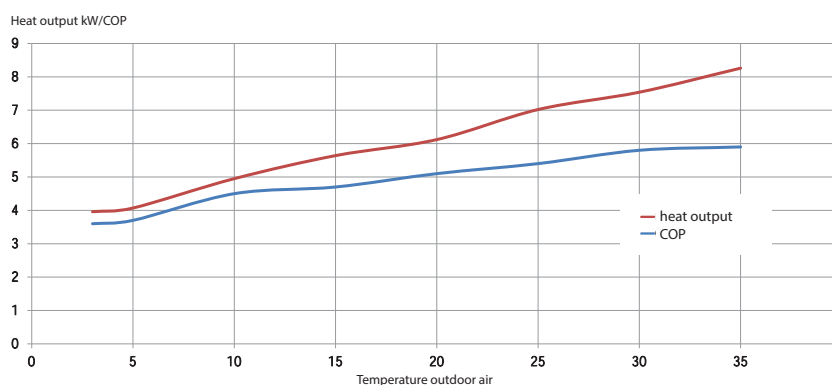
Operating range – air temperature
 Operating range – water temperature
 Max. power consumption, nominal*
 Max. ampere consumption, nominal
 Nominal air flow +/- 10%
 Nominal water flow +/- 10%
 Power supply
 Sound level (3 m distance)
 Protection class
 Material - cabinet
 Colour - cabinet
 Material - heat exchanger
 Refrigerant
 Compressor type
 Weight, net
 GWP

HPP 6

3-35°C
 15-40°C
 1,5 kW
 6,5 A
 2.200 m³/h
 3.000 l/h
 230 V/50 Hz
 < 37 dB(A)
 IPX4
 ABS
 Merlin Grey RAL 1804005
 Titanium
 R410a
 Rotary
 51 kg
 2088

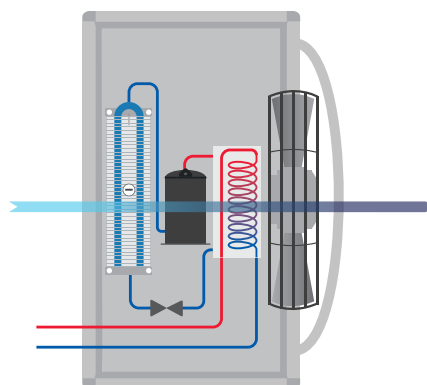
*Water temperature 32°C and outside condition 30°C, 45% RH.

CAPACITY CURVES

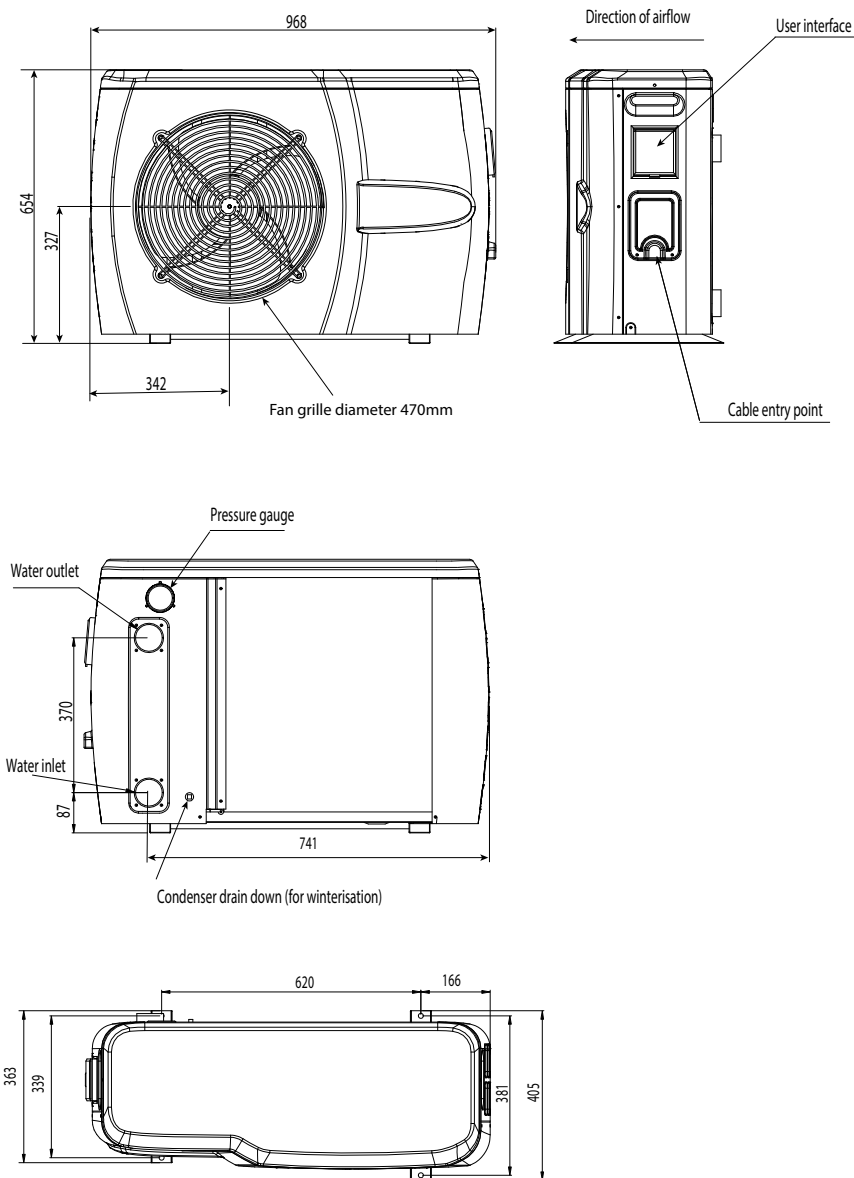


The curve is based on water temperature = 26°C and different outdoor temperatures are given at typical corresponding RH values.

HPP HEAT PUMP WORKING PRINCIPLE



DIMENSIONS





HPP 8 SWIMMING POOL HEAT PUMP

Function

The HPP 8 is a heat pump especially designed for heating of small and medium sized outdoor pools and spa.

In a HPP 8 pool heat pump hot refrigerant passes through a condenser coil with pool water and the hot refrigerant gives up its heat to the cooler pool water. The heated pool water circulates back to the pool and the now cold refrigerant returns to its former liquid state. The liquid refrigerant passes through an expansion valve and then through an evaporator where it is heated by energy extracted from the warm ambient air. Now the preheated refrigerant is ready to be compressed and the whole process starts all over again.

The HPP heat pump features a 'smart' pool pump control. The control tells the pump to start if heat is required, thus overriding the timer. A pressure gauge shows if there is sufficient refrigerant in the system.

The HPP 8 can operate from 3°C outside air temperatures. In this way the pool season can be extended for several months.

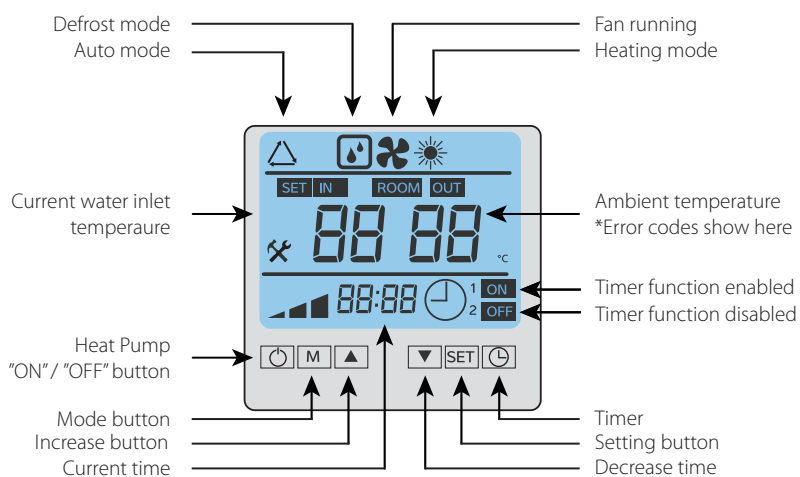
Applications

- Outdoor pools and spa
- Fresh water pools
- Salt water pools (up to 3% salt)
- Therapy pools

FEATURES

- Low sound level
- Nice design
- High efficiency titanium heat exchanger
- ABS cabinet
- 'Smart' pool pump control
- Water flow switch
- Pressure gauge

CONTROL



Accessories

Winter protection cover

TECHNICAL DATA

Model

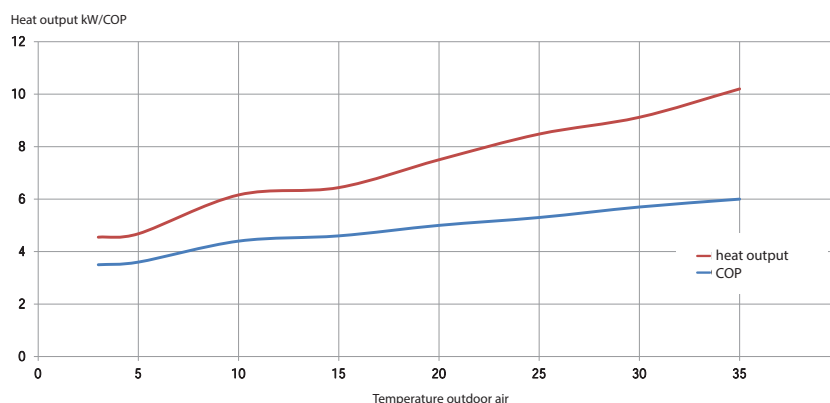
Operating range – air temperature
 Operating range – water temperature
 Max. power consumption, nominal*
 Max. ampere consumption, nominal
 Nominal air flow +/- 10 %
 Nominal water flow +/- 10 %
 Power supply
 Sound level (3 m distance)
 Protection class
 Material - cabinet
 Colour - cabinet
 Material - heat exchanger
 Refrigerant
 Compressor type
 Weight, net
 GWP

HPP 8

3-35°C
 15-40°C
 1,8 kW
 7,8 A
 2.000 m³/h
 4.200 l/h
 230 V/50 Hz
 < 38 dB(A)
 IPX4
 ABS
 Merlin Grey RAL 1804005
 Titanium
 R410a
 Rotary
 53 kg
 2088

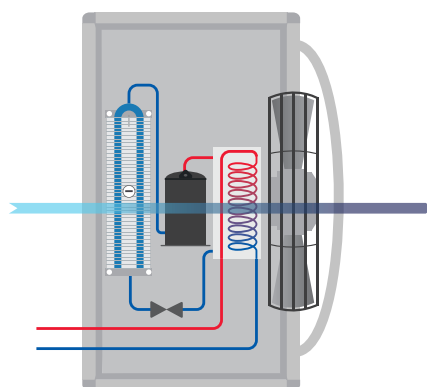
*Water temperature 32°C and outside condition 30°C, 45% RH.

CAPACITY CURVES

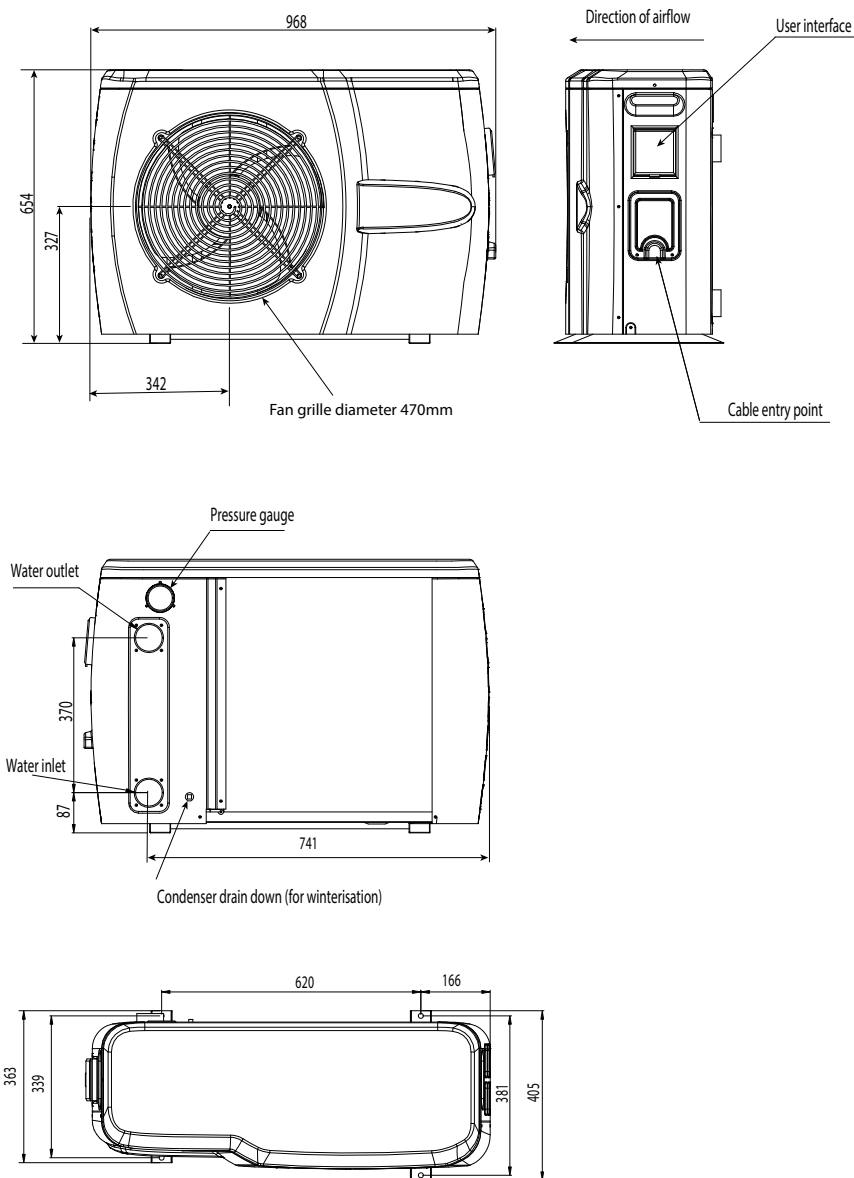


The curve is based on water temperature = 26°C and different outdoor temperatures are given at typical corresponding RH values.

HPP HEAT PUMP WORKING PRINCIPLE



DIMENSIONS





HPP 12 SWIMMING POOL HEAT PUMP

Function

The HPP 12 is a heat pump especially designed for heating of small and medium sized outdoor pools and spa.

In a HPP 12 pool heat pump hot refrigerant passes through a condenser coil with pool water and the hot refrigerant gives up its heat to the cooler pool water. The heated pool water circulates back to the pool and the now cold refrigerant returns to its former liquid state. The liquid refrigerant passes through an expansion valve and then through an evaporator where it is heated by energy extracted from the warm ambient air. Now the preheated refrigerant is ready to be compressed and the whole process starts all over again.

The HPP heat pump features a 'smart' pool pump control. The control tells the pump to start if heat is required, thus overriding the timer. A pressure gauge shows if there is sufficient refrigerant in the system.

The HPP 12 can operate from 3°C outside air temperatures. In this way the pool season can be extended for several months.

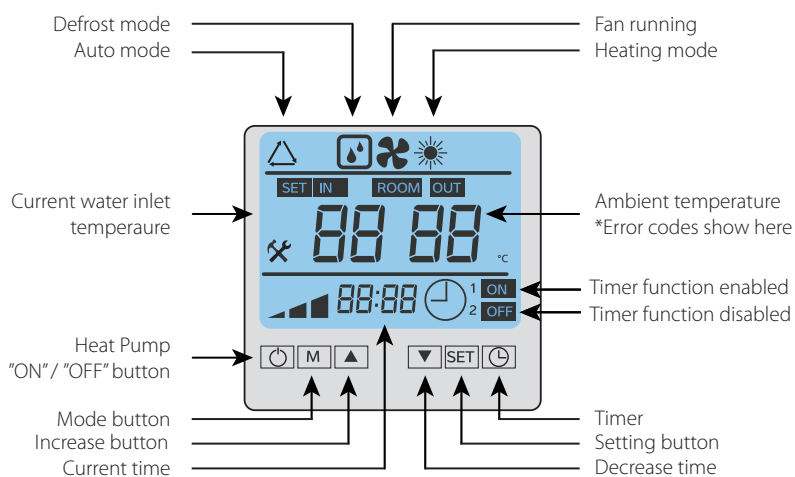
Applications

- Outdoor pools and spa
- Fresh water pools
- Salt water pools (up to 3% salt)
- Therapy pools

FEATURES

- Low sound level
- Nice design
- High efficiency titanium heat exchanger
- ABS cabinet
- 'Smart' pool pump control
- Water flow switch
- Pressure gauge

CONTROL



Accessories

Winter protection cover

TECHNICAL DATA

Model

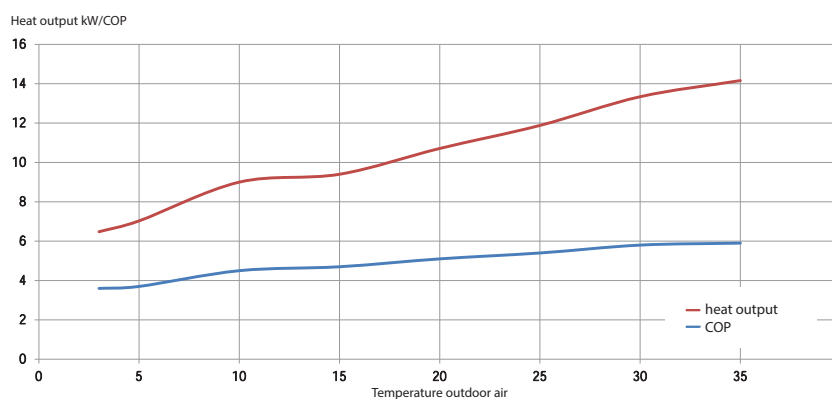
Operating range – air temperature
Operating range – water temperature
Max. power consumption, nominal*
Max. ampere consumption, nominal
Nominal air flow +/- 10%
Nominal water flow +/- 10%
Power supply
Sound level (3 m distance)
Protection class
Material - cabinet
Colour - cabinet
Material - heat exchanger
Refrigerant
Compressor type
Weight, net
GWP

HPP 12

3-35°C
15-40°C
2,6 kW
10,9 A
3.900 m³/h
6.300 l/h
230 V/50 Hz
< 39 dB(A)
IPX4
ABS
Merlin Grey RAL 1804005
Titanium
R410a
Rotary
72 kg
2088

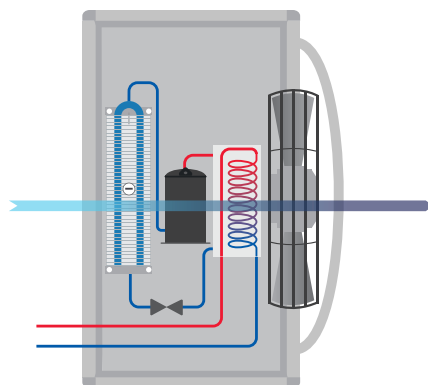
*Water temperature 32°C and outside condition 30°C, 45% RH.

CAPACITY CURVES

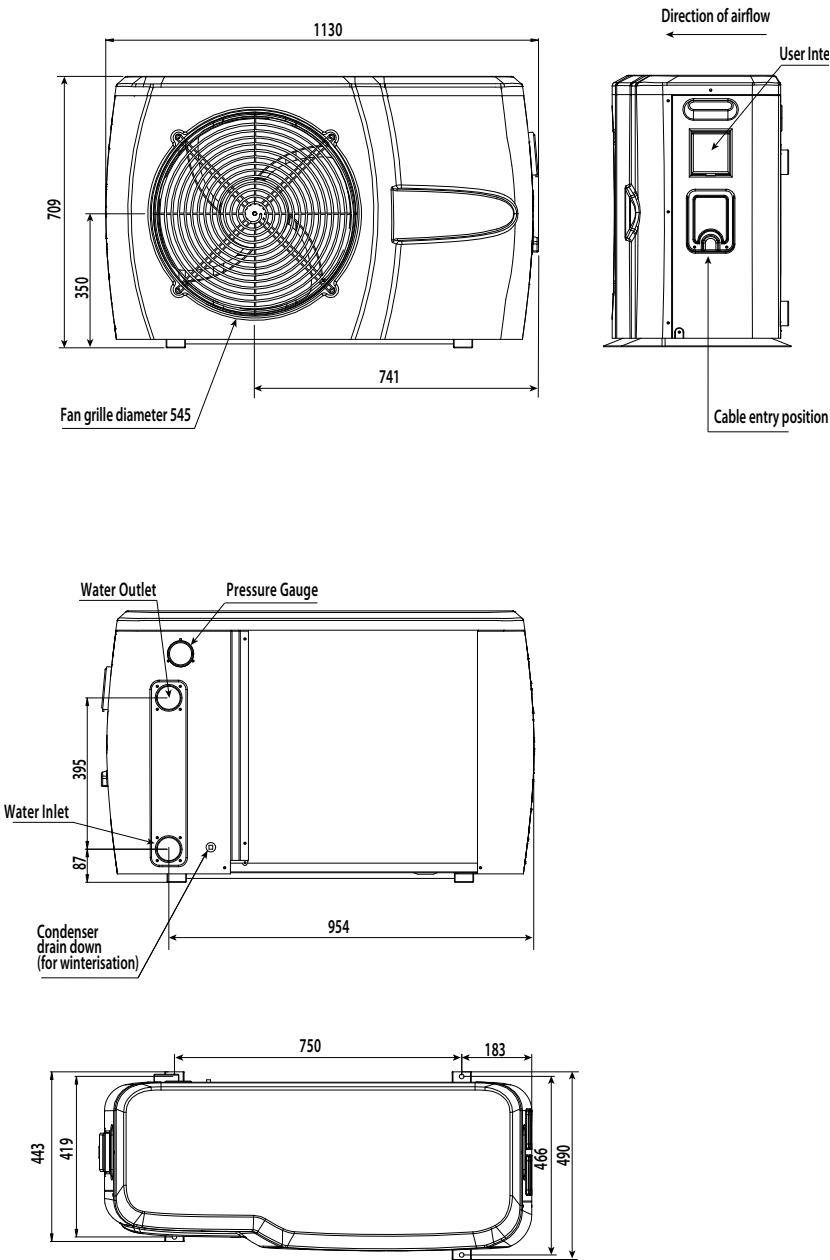


The curve is based on water temperature = 26°C and different outdoor temperatures are given at typical corresponding RH values.

HPP HEAT PUMP WORKING PRINCIPLE



DIMENSIONS





HPP 15 SWIMMING POOL HEAT PUMP

Function

The HPP 15 is a heat pump especially designed for heating of small and medium sized outdoor pools and spa.

In a HPP 15 pool heat pump hot refrigerant passes through a condenser coil with pool water and the hot refrigerant gives up its heat to the cooler pool water. The heated pool water circulates back to the pool and the now cold refrigerant returns to its former liquid state. The liquid refrigerant passes through an expansion valve and then through an evaporator where it is heated by energy extracted from the warm ambient air. Now the preheated refrigerant is ready to be compressed and the whole process starts all over again.

The HPP heat pump features a 'smart' pool pump control. The control tells the pump to start if heat is required, thus overriding the timer. A pressure gauge shows if there is sufficient refrigerant in the system.

The HPP 15 can operate from 3°C outside air temperatures. In this way the pool season can be extended for several months.

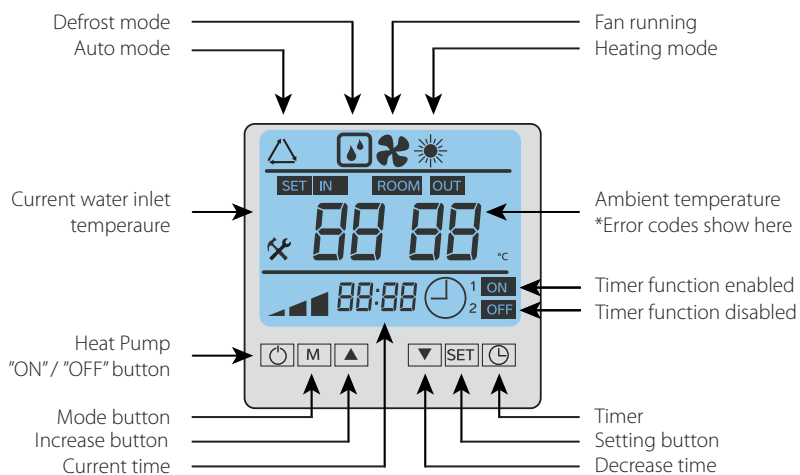
Applications

- Outdoor pools and spa
- Fresh water pools
- Salt water pools (up to 3% salt)
- Therapy pools

FEATURES

- Low sound level
- Nice design
- High efficiency titanium heat exchanger
- ABS cabinet
- 'Smart' pool pump control
- Water flow switch
- Pressure gauge

CONTROL



Accessories

Winter protection cover

TECHNICAL DATA

Model

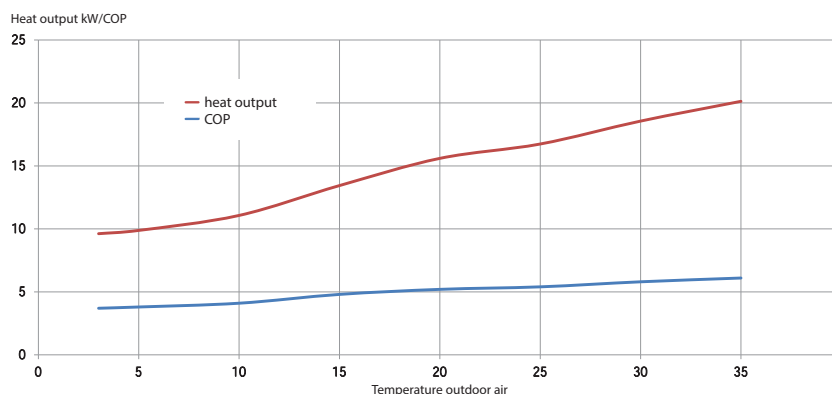
Operating range – air temperature
 Operating range – water temperature
 Max. power consumption, nominal*
 Max. ampere consumption, nominal
 Nominal air flow +/- 10 %
 Nominal water flow +/- 10 %
 Power supply
 Sound level (3 m distance)
 Protection class
 Material - cabinet
 Colour - cabinet
 Material - heat exchanger
 Refrigerant
 Compressor type
 Weight, net
 GWP

HPP 15

3-35°C
 15-40°C
 3,6 kW
 15,6 A
 3.800 m³/h
 7.200 l/h
 230 V/50 Hz
 < 39 dB(A)
 IPX4
 ABS
 Merlin Grey RAL 1804005
 Titanium
 R410a
 Scroll
 93 kg
 2088

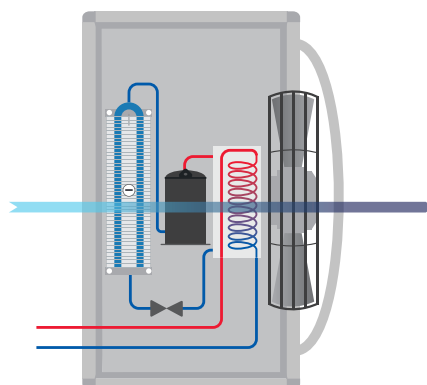
*Water temperature 32°C and outside condition 30°C, 45% RH.

CAPACITY CURVES

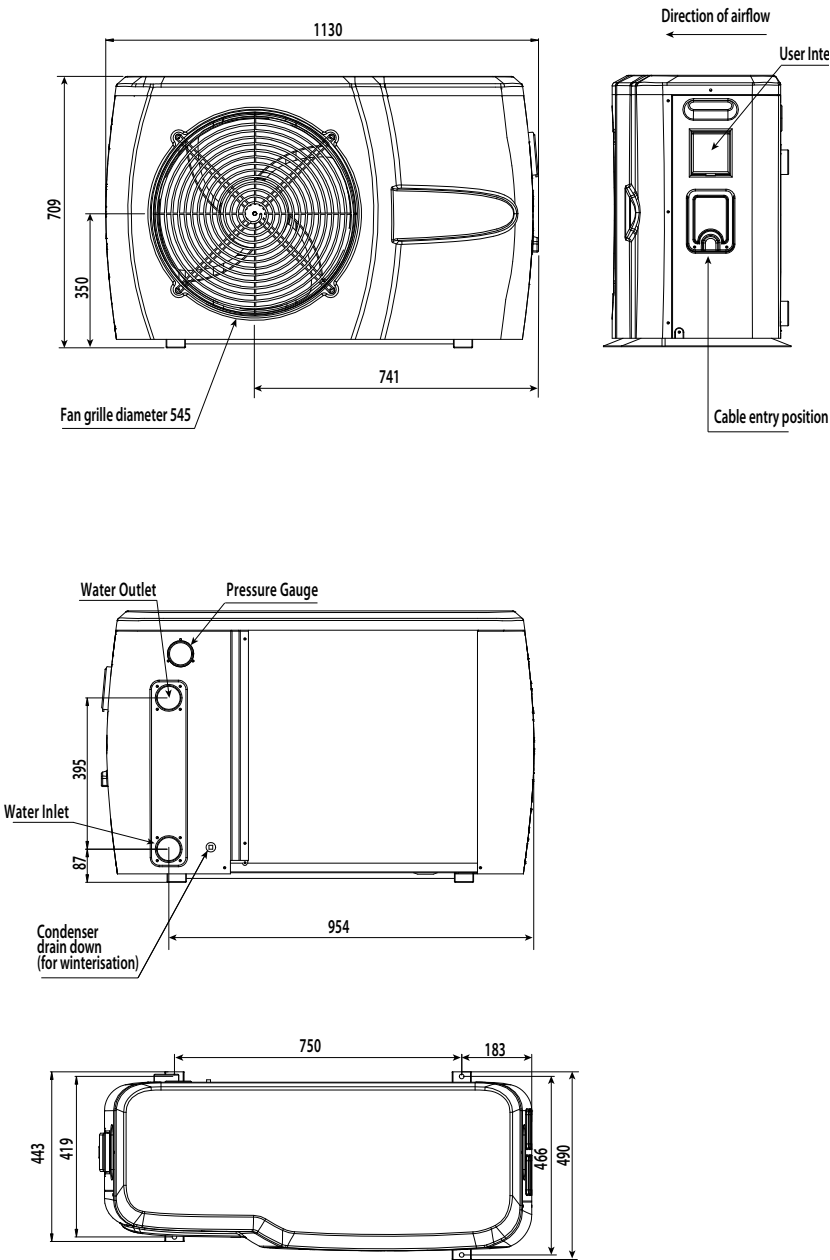


The curve is based on water temperature = 26°C and different outdoor temperatures are given at typical corresponding RH values.

HPP HEAT PUMP WORKING PRINCIPLE



DIMENSIONS





HPP 20 SWIMMING POOL HEAT PUMP

Function

The HPP 20 is a heat pump especially designed for heating of small and medium sized outdoor pools and spa.

In a HPP 20 pool heat pump hot refrigerant passes through a condenser coil with pool water and the hot refrigerant gives up its heat to the cooler pool water. The heated pool water circulates back to the pool and the now cold refrigerant returns to its former liquid state. The liquid refrigerant passes through an expansion valve and then through an evaporator where it is heated by energy extracted from the warm ambient air. Now the preheated refrigerant is ready to be compressed and the whole process starts all over again.

The HPP heat pump features a 'smart' pool pump control. The control tells the pump to start if heat is required, thus overriding the timer. A pressure gauge shows if there is sufficient refrigerant in the system.

The HPP 20 can operate from 3°C outside air temperatures. In this way the pool season can be extended for several months.

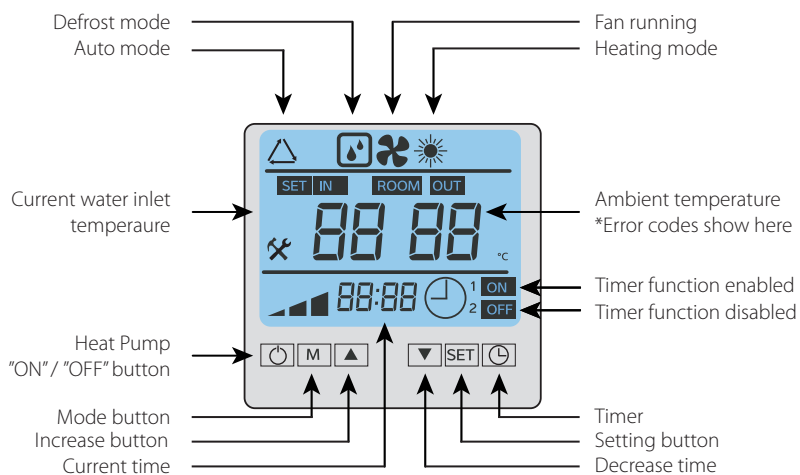
Applications

- Outdoor pools and spa
- Fresh water pools
- Salt water pools (up to 3% salt)
- Therapy pools

FEATURES

- Low sound level
- Nice design
- High efficiency titanium heat exchanger
- ABS cabinet
- 'Smart' pool pump control
- Water flow switch
- Pressure gauge

CONTROL



Accessories

Winter protection cover

TECHNICAL DATA

Model

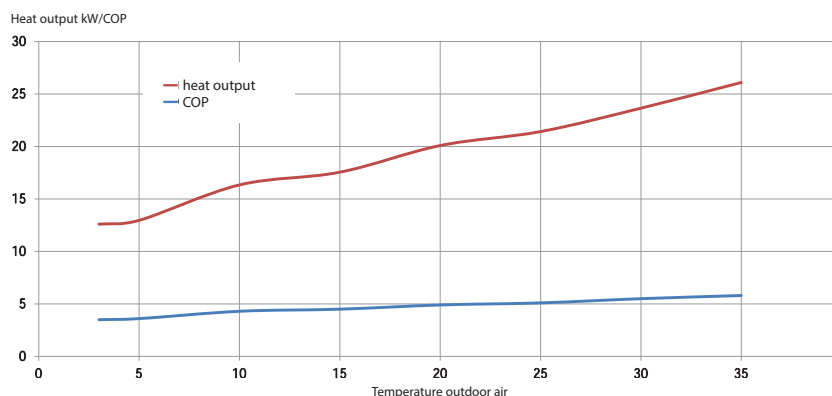
Operating range – air temperature
Operating range – water temperature
Max. power consumption, nominal*
Max. ampere consumption, nominal
Nominal air flow +/- 10 %
Nominal water flow +/- 10 %
Power supply
Sound level (3 m distance)
Protection class
Material - cabinet
Colour - cabinet
Material - heat exchanger
Refrigerant
Compressor type
Weight, net
GWP

HPP 20

3-35°C
15-40°C
5,1 kW
7,4 A
7.000 m³/h
9.000 l/h
400 V/3 ph/50 Hz
<41 dB(A)
IPX4
ABS
Merlin Grey RAL 1804005
Titanium
R410a
Scroll
117 kg
2088

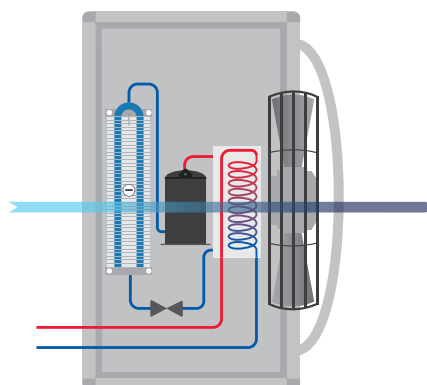
*Water temperature 32°C and outside condition 30°C, 45% RH.

CAPACITY CURVES



The curve is based on water temperature = 26°C and different outdoor temperatures are given at typical corresponding RH values.

HPP HEAT PUMP WORKING PRINCIPLE



DIMENSIONS

