



TREVINIUM

by Hayward

SWIMMING POOL HEAT PUMP UNIT

Installation & Instruction Manual

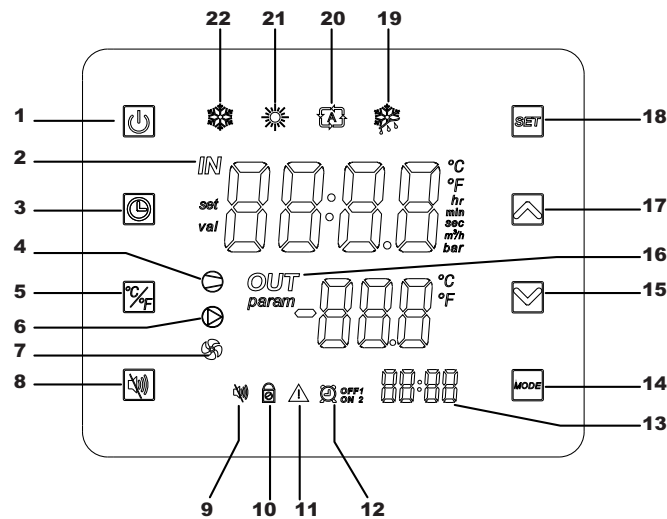
Model HP55TR
 HP75TR



4. USER INTERFACE

4.1 General presentation

The heat pump is equipped with a digital control panel with a touch screen, electronically connected and pre-set at the factory in heating mode.



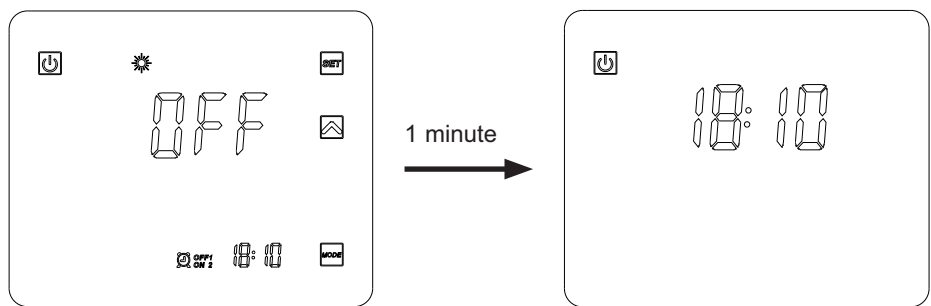
Legend

1		On/Off
2		Water inlet
3		Clock and timer settings
4		Compressor ON
5		Conversion °C/°F
6		Dry contact OUT2
7		Fan ON
8		Not available
9		Not available
10		Locked screen
11		Alarm
12		Timers 1 and 2
13		Timers' time
14		Mode selection
15		Scroll down / Decrease
16		Water outlet
17		Scroll up / Increase
18		Save / settings
19		Defrost mode
20		Automatic mode
21		Heating mode
22		Cooling mode

4. USER INTERFACE (continued)

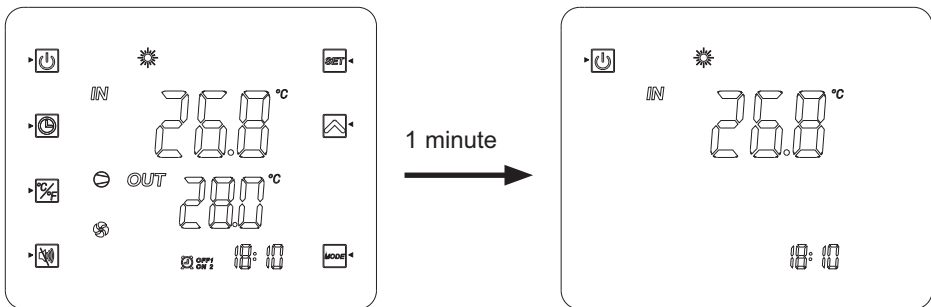
OFF Mode

When the heating pump is in sleep mode (OFF Mode) “OFF” is displayed on the command screen.



ON Mode

When the heating pump is running or regulating (ON Mode), the inlet and outlet water temperatures are displayed on the command screen.



4. USER INTERFACE (continued)

At the end of a setting, press  to validate.

The settings will be automatically saved if no button is pressed during 20s.

4.2 Clock settings

If the display is in standby mode, press briefly on .

- 1) Press  to bring up the symbol .
- 2) Press  to make the time display flash. Set the hour using the buttons  .
- 3) Press  then set the minutes with the buttons  .
- 4) Press  to validate.

4.3 Timer function settings

Setting this function is necessary if you would like to run the heat pump for a shorter period than what is defined by the filtration clock. Therefore, you can program a deferred start and an anticipated stop or simply stop a certain timeframe from running (at night, for example).

It is possible to set 2 Start Timers (ON1 et ON2) and 2 Stop Timers (OFF1 et OFF2).

Timer 1 setting – Start

- 1) Press  for 2s, Timer ON1  ¹ flashes (*).
- 2) Press  to set the hours with the buttons  .
- 3) Press  to set the minutes with the buttons  .
- 4) Press  to validate.

Timer 1 setting – Stop

- 1) Press  for 2s, Timer ON1  ¹ flashes (*).
Press  once, Timer OFF1  ¹ flashes.
- 2) Press  to set the hours with the buttons  .
- 3) Press  to set the minutes with the buttons  .
- 4) Press  to validate.

(*) To access Timer ON2  directly, press  for 2s, then press  twice.

4. USER INTERFACE (continued)

Timer 2 settings

After the Timer 1 settings, you will access directly the settings for Timer 2:

 and .

Proceed in the same manner as for Timer 1.

Nota: To access directly Timer ON2 , press  for 2s, then press twice on .

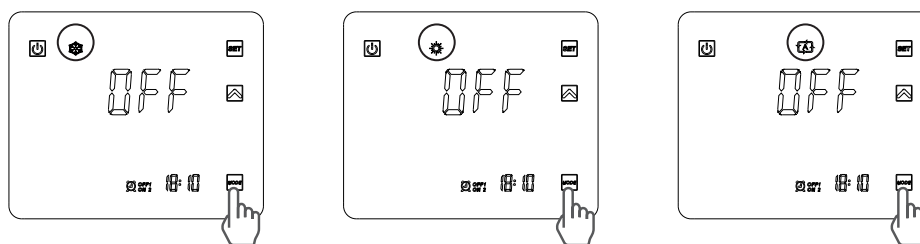
Timers suppression (Start and Stop)

- 1) Press  for 2s, Timer ON1  flashes.(*)
 - 2) Press  to make the time display flash.
 - 3) Press  to suppress the Timer .
 - 4) Press  to validate.
 - 5) Press  for 2s, the Timer  flashes.
Press once , the Timer  flashes.(*)
 - 6) Press  to make the time display flash.
 - 7) Press  to suppress the Timer .
- (*) To access Timers 2  or , follow steps 1) or 4) then press twice . Proceed in the same manner as above.

4.4 Operation mode selection: cooling, heating or automatic

In Mode “OFF” or “ON”

Press the button  to change mode: cooling, heating or automatic.

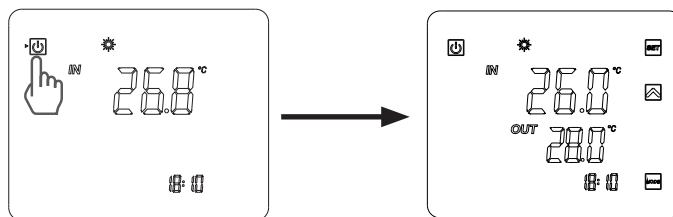


If the heat pump is set in heating only or cooling only, changing mode is not possible.

4. USER INTERFACE (continued)

4.5 Setting and visualisation of the set point (desired water temperature)

If the button  is not visible on the screen, press  briefly.
(While operating or stopped, simply press the button  to view the set point)



In Mode “OFF” or Mode “ON”

Press the button  to display the set point, then press  or  to set the set point you wish.

The setting is made with a precision of 0.5 °C.



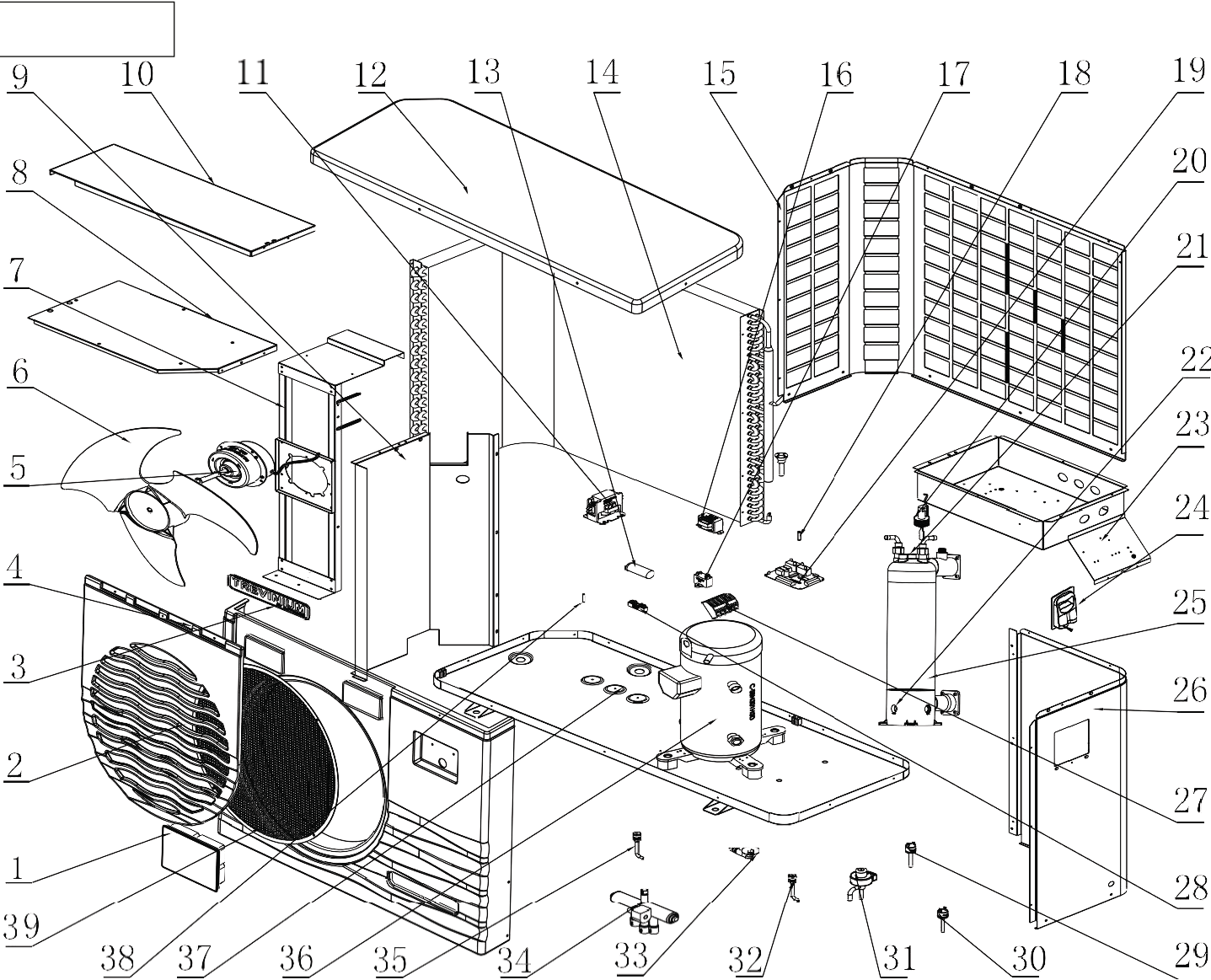
It is recommended to never exceed 30°C to avoid alteration of the liners.

4.6 Locking and unlocking the touch screen

Press the button  for 5 s until it beeps and this symbol appears .

To unlock, press  for 5 s until it beeps and this symbol disappears .

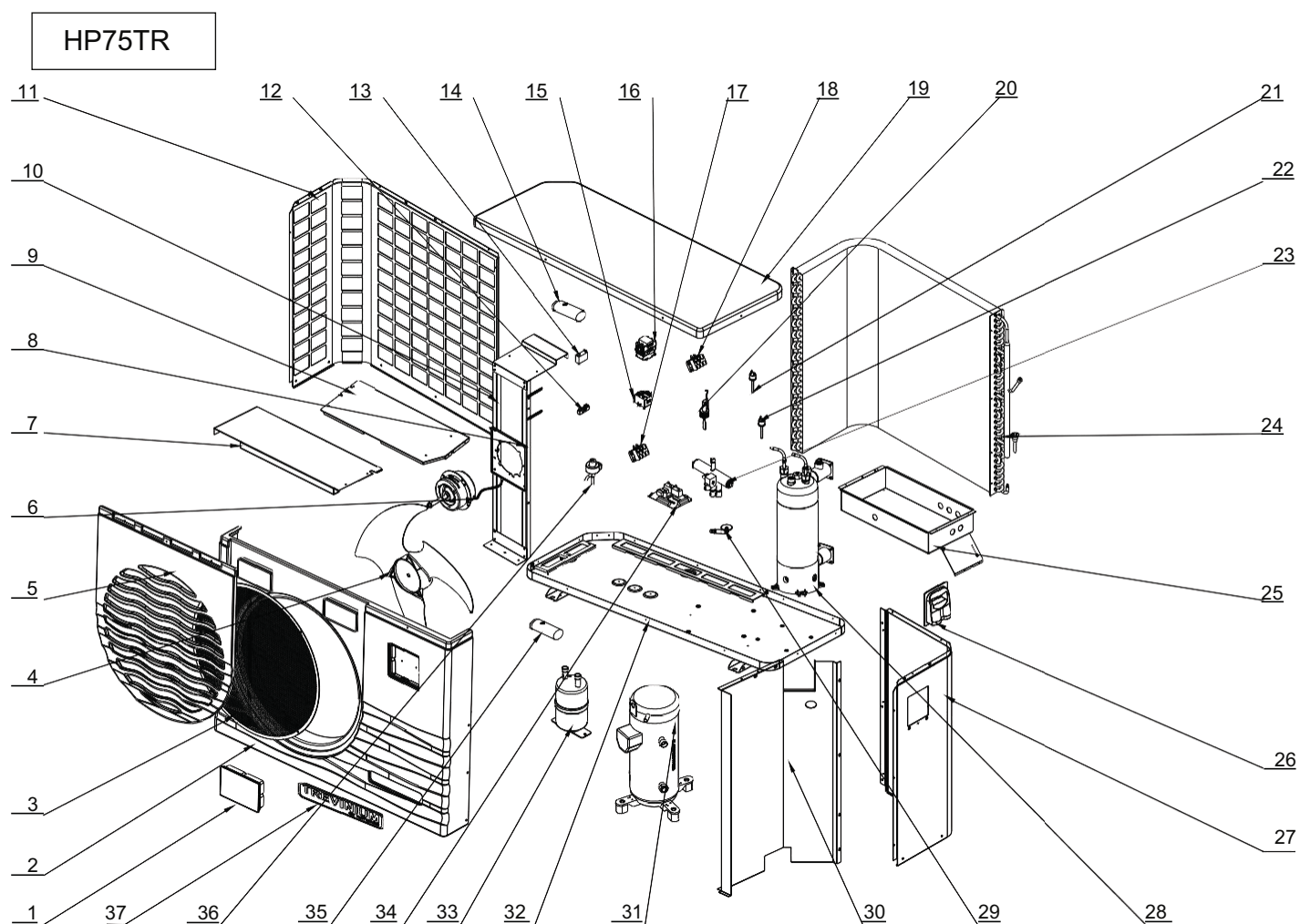
6.3 Exploded View- HP55TR



6.3 Spare Parts List - HP55TR

No9.	Code	Part name	Part number
1	95005-310261	LED controller	HPX95005-310261
2	32012-210488	Fan protection grille	HPX32012-210488
3	20000-230340	Brand	HPX20000-230340
4	32012-220074	Front panel	HPX32012-220074
5	20000-330124	Motor	HPX20000-330124
6	3500-2701	Fan blade	HPX3500-2701
7	32012-210418	Motor support	HPX32012-210418
8	32012-210079	Electrical box cover	HPX32012-210079
9	32012-210414	Middle panel	HPX32012-210414
10	32012-210415	Support panel	HPX32012-210415
11	20000-360103	AC contactor	HPX20000-360103
12	32012-210489	Top cover	HPX32012-210489
13	2000-3526	Compressor capacitor	HPX2000-3526
14	32012-120102	Evaporator	HPX32012-120102
15	32012-210600	Left panel	HPX32012-210600
16	20000-370003	Transformer	HPX20000-370003
17	2000-3501	Fan motor capacitor	HPX2000-3501
18	2000-3242	Coil temp. sensor	HPX2000-3242
19	95005-310145	PCB board	HPX95005-310145
20	20000-360005	Flow switch	HPX20000-360005
21	2000-3242	Water inlet sensor	HPX2000-3242
22	2000-3242	Water outlet sensor	HPX2000-3242
23	32012-210078	Electrical box	HPX32012-210078
24	32009-220032	Handle	HPX32009-220032
25	32012-120142	PVC titanium condensor	HPX32012-120142
26	32012-210601	Right panel	HPX32012-210601
27	2001-3907	Terminal block 5 connection	HPX2001-3907
28	2000-3909	Terminal block 2 connections	HPX2000-3909
29	20000-360157	Pressure switch (0.3MPa/0.15MPa)	HPX20000-360157
30	2001-3605	Pressure switch (3.2MPa/4.4MPa)	HPX2001-3605
31	20000-140451	Electronic expansion valve	HPX20000-140451
32	20000-140153	Needle valve	HPX20000-140153
33	3400-2203	Drain connector	HPX3400-2203
34	2004-1437	4 way valve	HPX2004-1437
35	20000-140153	Needle valve	HPX20000-140153
36	20000-110267	Compressor	HPX20000-110267
37	32012-210599	Chassis	HPX32012-210599
38	2000-3242	Ambient temp. Sensor	HPX2000-3242
39	32018-210143	Embedded network	HPX32018-210143

6.3 Exploded view - HP75TR



6.3 Spare parts list HP75TR

No.	Part code	Part name	Part number
1	95005-310261	Glass controller	HPX95005-310261
2	32009-220076	Front Plate	HPX32009-220076
3	32018-210143	Fan protection net	HPX32018-210143
4	20000-270004	Axial fan	HPX20000-270004
5	32009-210386	Front panel	HPX32009-210386
6	20000-330134	Fan motor	HPX20000-330134
7	32009-210500	Supporting transom	HPX32009-210500
8	32018-210113-04	Fan motor holder	HPX32018-210113-04
9	32009-210499	Electrical box cover	HPX32009-210499
10	32009-210463	Fan bracket	HPX32009-210463
11	32009-210391	Left panel	HPX32009-210391
12	2000-3909	Terminal-2	HPX2000-3909
13	2000-3509	Fan capacitor	HPX2000-3509
14	2000-3524	Compressor capacitor	HPX2000-3524
15	20000-370003	Transformer	HPX20000-370003
16	20000-360222	Compressor contactor	HPX20000-360222
17	2001-3906	Terminal-3	HPX2001-3906
18	2001-3909	Terminal-3	HPX2001-3909
19	32018-210127	Top panel	HPX32018-210127
20	20000-360005	Water flow switch	HPX20000-360005
21	20000-360157	Low pressure switch	HPX20000-360157
22	2001-3605	High pressure switch	HPX2001-3605
23	2001-1491	4-way reverse valve	HPX2001-1491
24	32009-120062	Heat exchanger	HPX32009-120062
25	32009-210498	Electric box	HPX32009-210498
26	32009-220032	Wiring box	HPX32009-220032
27	32009-210497	Right panel	HPX32009-210497
28	32009-120073	Titanium pipe heat exchanger	HPX32009-120073
29	3400-2203	Drain connection	HPX3400-2203
30	32009-210460	Middle panel	HPX32009-210460
31	20000-110142	Compressor	HPX20000-110142
32	32009-210496	Chassis	HPX32009-210496
33	3500-1401	Gas-Liquid separator	HPX3500-1401
34	95005-310145	Pc1001 PCB controller	HPX95005-310145
35	2000-3510	Compressor capacitor	HPX2000-3510
36	20000-140237	Electronic expansion valve	HPX20000-140237
37	20000-230340	Brand	HPX20000-230340