



# AERONA SMART HEAT PUMP CONTROLLER



INTUITIVE  
DESIGN



7 DAY  
PROGRAMMING



EASY  
SET UP



HEATING CURVE  
SELECTION



WEB BASED  
MONITORING &  
CONTROL



3 HEATING  
ZONES + DHW



# AERONA SMART HEAT PUMP CONTROLLER

## WHAT'S IN THE BOX

**HPIDSMARTCONKIT includes:**  
 Smart Controller Touchscren Display  
 Wiring Centre  
 WiFi Hub  
 Outdoor Weather Sensor  
 Water Temperature Sensors X 3  
 (2x 2m, 1x 4m)



## OPTIONAL EXTRAS

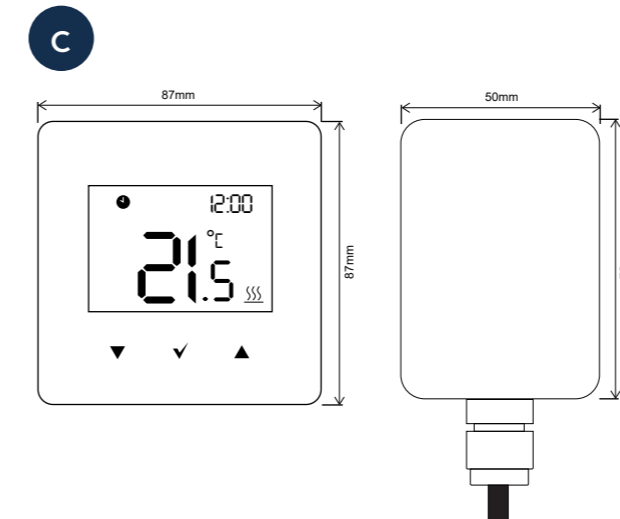
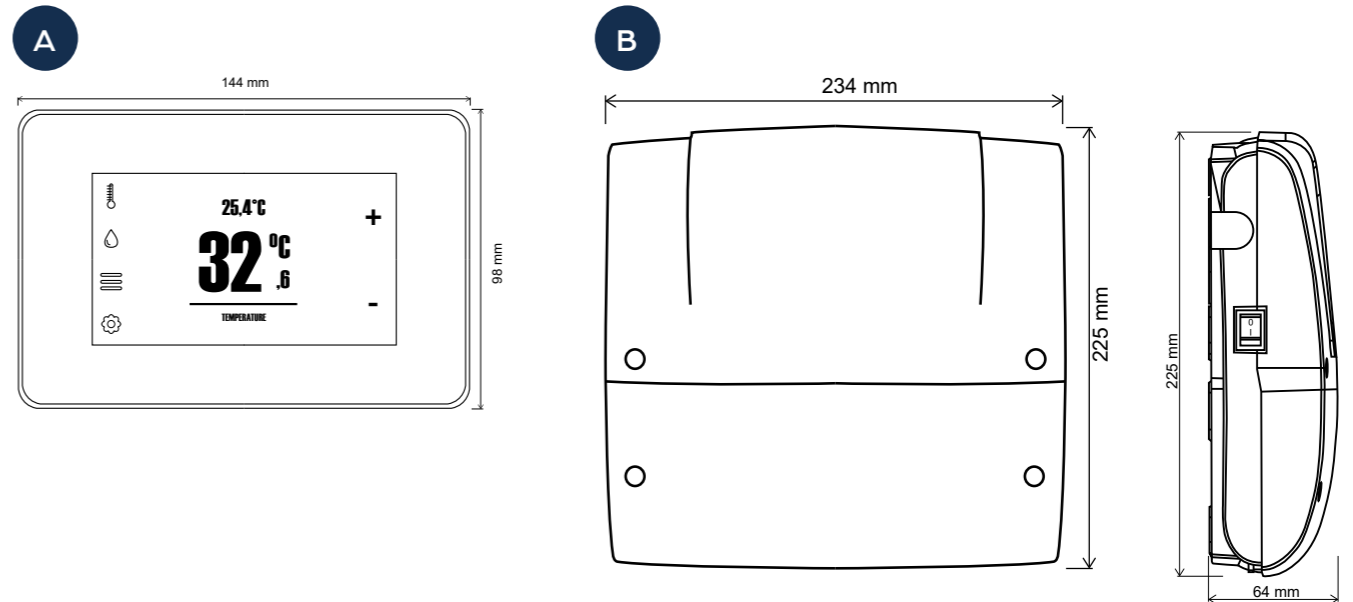
Wireless Receiver \*  
 Wireless Thermostat (no receiver)  
 Wireless Thermostat (with receiver)  
 Wired Thermostat  
 2m Water Temperature Sensor  
 4m Water Temperature Sensor

\* maximum of 3 thermostats per receiver

## TECHNICAL DATA

### THERMOSTATS & WIRELESS RECEIVER (C)

Thermostat Power supply (Wired / Wireless)	5 to 12V DC 0.2W via Wiring Centre / 2 x AA (LR6) 1.5V Alkaline Batteries
Wireless Receiver Power	5 to 12V DC 0.2W via Wiring Centre
Degree of Protection (Thermostats / Wireless Receiver)	IP20 / IP40
Relative Humidity	5 to 85% without Steam condensation
Storage Temperature	-10°C to 60°C
Working Temperature (Wired Thermostat / Wireless Receiver and Stat)	0 to 40°C / 5 to 35°C
Display	LCD with backlight
Controlling	Capacitive Buttons
Weight (Thermostat Panels / Wireless Receiver)	0.2kg / 0.16kg
Communication (Wireless Receiver)	Bi-Direction ISM Radio - ISM 868 MHz (865 to 868MHz)
Transmission Power (Wireless Thermostat and Receiver)	20mW (+13 dBm)
Dimensions (Thermostat Panels / Wireless Receiver)	87mm x 87mm x 27.3mm / 70mm x 50mm x 7.7mm
Installation method (Wired Thermostat & Wireless Receiver)	Wall Mounted
Installation Method (Wireless Thermostat)	Stand Mounted



## TECHNICAL DATA

	TOUCHSCREEN DISPLAY (A)	WIRING CENTRE (B)
Power supply	12 VDC - via wiring centre	230 VAC, 50 Hz
Current	0.15 A	0.4 A
Display	Touch screen, graphical 480 x 272 px	-
Protection class	IP 20	IP 20
Ambient temperature	0 - 50°C	0 - 50°C
Storage temperature	0 - 65°C	0 - 65°C
Terminals	Screw terminals: 0,15 - 1,5mm <sup>2</sup>	Screw terminals at supply voltage side - 1.0-2.5 mm <sup>2</sup> Screw terminals at control voltage side - 0.14-1.0 mm <sup>2</sup>
Dimensions	144 x 97 x 20mm	234 x 225 x 64mm
Standards	PN-EN 60730-2-9 PN-EN 60730-1	PN-EN 60730-2-9 PN-EN 60730-1
Software class	A, acc. to PN-EN 60730-1	A, acc. to PN-EN 60730-1
Installation method	Wall mounted	Wall mounted

# CONFIGURE YOUR GRANT HEAT PUMP

1

CHOOSE YOUR HEAT PUMP



6kW AERONA<sup>3</sup>  
HPID6R32BODY



10kW AERONA<sup>3</sup>  
HPID10R32BODY



13kW AERONA<sup>3</sup>  
HPID13R32BODY



17kW AERONA<sup>3</sup>  
HPID17R32BODY

2

CHOOSE YOUR CONTROLS



**R32 REMOTE CONTROLLER KIT**  
HPIDR32CON6 HPIDR32CON10 HPIDR32CON1317  
FOR 6kW AERONA<sup>3</sup> FOR 10kW AERONA<sup>3</sup> FOR 13kW & 17kW AERONA<sup>3</sup>

Kit includes: Controller, Controller cable, Flexible Hoses, Isolation valves, Flow setter



**R32 SMART CONTROLLER KIT**  
HPIDR32SMART6 HPIDR32SMART10 HPIDR32SMART1317  
FOR 6kW AERONA<sup>3</sup> FOR 10kW AERONA<sup>3</sup> FOR 13kW & 17kW AERONA<sup>3</sup>

Kit includes: Smart Control Display, Wiring Centre, WiFi Hub, Outdoor Weather Sensor, 3x Water Temp Sensors, Flexible Hoses, Isolation valves, Flow sensor

3

CHOOSE AN OPTIONAL INSTALLATION PACK

**S-PLAN (NON PRE-PLUMBED)**

HPIDR32PACKA HPIDR32PACKK\*  
LOW LOSS HEADER 7 DAY IMMERSION PROGRAMMER  
7 DAY IMMERSION PROGRAMMER FLEXI-FOOT KIT  
FLEXI-FOOT KIT FLEXI-FOOT KIT  
FLEXI-FOOT KIT MAG ONE FILTER  
MAG ONE FILTER 18L SYSTEM KIT  
18L SYSTEM KIT C/W DHW PRIORITY  
WIRING CENTRE DHW PROGRAMMER  
C/W DHW PRIORITY DHW PROGRAMMER  
DHW PROGRAMMER 32A ISOLATOR  
32A ISOLATOR

**S-PLAN (PRE-PLUMBED)**

HPIDR32PACKB HPIDR32PACKL\*  
LOW LOSS HEADER FLEXI-FOOT KIT  
FLEXI-FOOT KIT MAG ONE FILTER  
MAG ONE FILTER 18L SYSTEM KIT  
18L SYSTEM KIT DHW PROGRAMMER  
DHW PROGRAMMER 32A ISOLATOR  
32A ISOLATOR

**DIRECT (NON PRE-PLUMBED)**

HPIDR32PACKC HPIDR32PACKM\*  
LOW LOSS HEADER 7 DAY IMMERSION PROGRAMMER  
7 DAY IMMERSION PROGRAMMER FLEXI-FOOT KIT  
FLEXI-FOOT KIT FLEXI-FOOT KIT  
MAG ONE FILTER MAG ONE FILTER  
MAG ONE FILTER 18L SYSTEM KIT  
18L SYSTEM KIT HEAT PUMP  
HEAT PUMP WIRING INTERFACE  
WIRING INTERFACE DHW PROGRAMMER  
DHW PROGRAMMER 32A ISOLATOR  
32A ISOLATOR HOT WATER PRIORITY RELAY  
HOT WATER PRIORITY RELAY 28MM 3-PORT DIVERTER VALVE  
28MM 3-PORT DIVERTER VALVE CYLINDER SENSOR  
CYLINDER SENSOR

## INSTALLATION PACKS

**DIRECT S-PLAN USING 2 PORT VALVE (NON PRE-PLUMBED)**

HPIDR32PACKO\*  
FLEXI-FOOT KIT FLEXI-FOOT KIT  
MAG ONE FILTER MAG ONE FILTER  
18L SYSTEM KIT 18L SYSTEM KIT  
32A ISOLATOR 32A ISOLATOR  
IMMERSION RELAY IMMERSION RELAY  
28MM 3 PORT DIVERTER VALVE  
28MM 3 PORT DIVERTER VALVE  
IMMERSION RELAY  
22MM 3 PORT MIXING VALVE

**OPEN LOOP DIRECT USING 3 PORT DIVERTER & MIXING VALVE (NON PRE-PLUMBED)**

HPIDR32PACKP\*  
FLEXI-FOOT KIT FLEXI-FOOT KIT  
MAG ONE FILTER MAG ONE FILTER  
18L SYSTEM KIT 18L SYSTEM KIT  
32A ISOLATOR 32A ISOLATOR  
IMMERSION RELAY IMMERSION RELAY  
28MM 3 PORT DIVERTER VALVE  
28MM 3 PORT DIVERTER VALVE  
IMMERSION RELAY  
22MM 3 PORT MIXING VALVE

## INSTALLATION PACKS

**DIRECT S-PLAN USING 2 PORT VALVE (NON PRE-PLUMBED)**

HPIDR32PACKO\*  
FLEXI-FOOT KIT FLEXI-FOOT KIT  
MAG ONE FILTER MAG ONE FILTER  
18L SYSTEM KIT 18L SYSTEM KIT  
32A ISOLATOR 32A ISOLATOR  
IMMERSION RELAY IMMERSION RELAY  
28MM 3 PORT DIVERTER VALVE  
28MM 3 PORT DIVERTER VALVE  
IMMERSION RELAY  
22MM 3 PORT MIXING VALVE

**OPEN LOOP DIRECT USING 3 PORT DIVERTER & MIXING VALVE (NON PRE-PLUMBED)**

HPIDR32PACKP\*  
FLEXI-FOOT KIT FLEXI-FOOT KIT  
MAG ONE FILTER MAG ONE FILTER  
18L SYSTEM KIT 18L SYSTEM KIT  
32A ISOLATOR 32A ISOLATOR  
IMMERSION RELAY IMMERSION RELAY  
28MM 3 PORT DIVERTER VALVE  
28MM 3 PORT DIVERTER VALVE  
IMMERSION RELAY  
22MM 3 PORT MIXING VALVE

## OPTIONAL EXTRAS

HPIDSMARTRECEIVER  
WIRELESS RECEIVER\*

HPIDSMARTTHERM  
WIRELESS THERMOSTAT (NO RECEIVER)

HPIDSMARTTHERM  
WIRELESS THERMOSTAT (WITH RECEIVER)

HPIDSMARTTHERM  
WIRED THERMOSTAT

HPIDSMARTSEN2

2m WATER TEMPERATURE SENSOR

HPIDSMARTSEN4

4m WATER TEMPERATURE SENSOR

\*30L external volumiser is available as an optional component, where there is insufficient system volume