



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

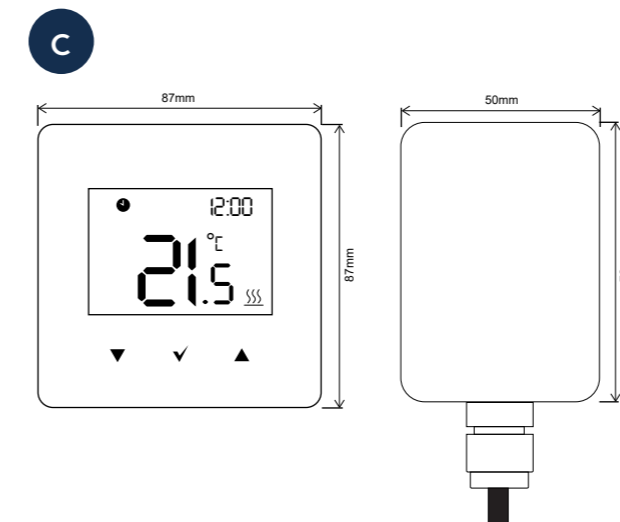
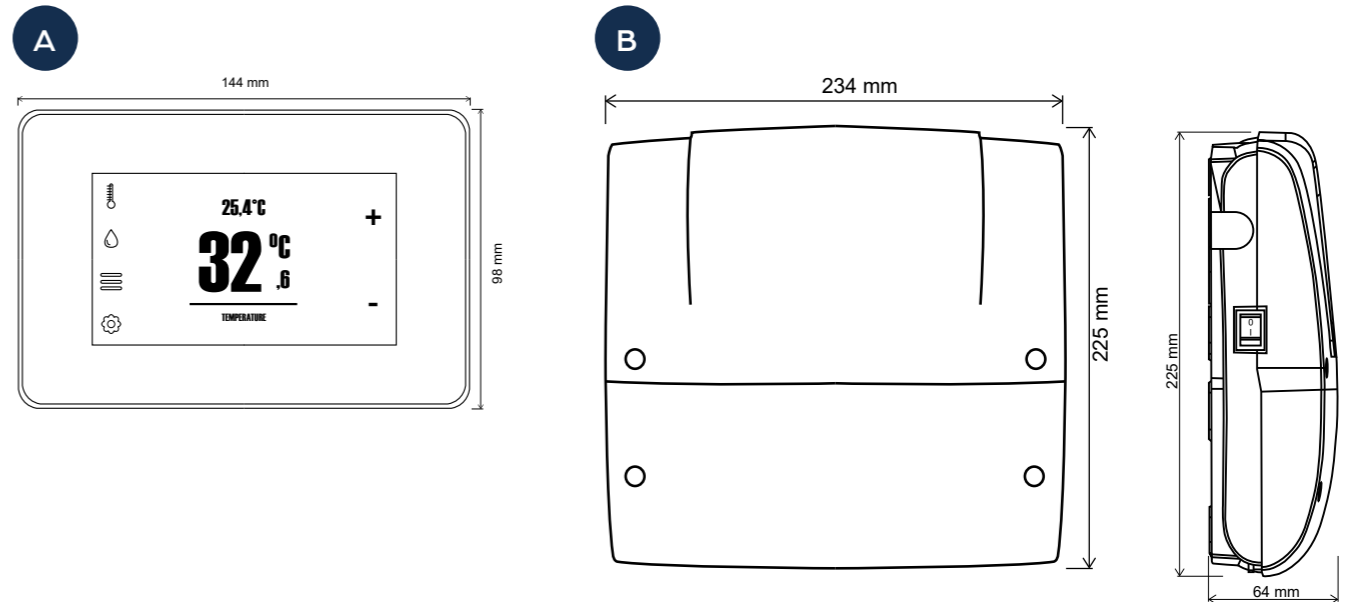
TECHNICAL DATA

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 ²	Screw terminals at supply voltage side - 1.0-2.5 mm ² Screw terminals at control voltage side - 0.14-1.0 mm ²
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 AERONA³
HPID6R32BODY



10kW AERONA³
HPID10R32BODY



13kW AERONA³
HPID13R32BODY



17kW AERONA³
HPID17R32BODY

2

CHOOSE YOUR CONTROLS



R32 REMOTE CONTROLLER KIT
HPIDR32CON6 HPIDR32CON10 HPIDR32CON1317
FOR 6kW AERONA³ FOR 10kW AERONA³ FOR 13kW & 17kW AERONA³

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



R32 SMART CONTROLLER KIT
HPIDR32SMART6 HPIDR32SMART10 HPIDR32SMART1317
FOR 6kW AERONA³ FOR 10kW AERONA³ FOR 13kW & 17kW AERONA³

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

OPTIONAL EXTRAS

HPIDSMARTRECEIVER
WIRELESS RECEIVER*
HPIDSMARTTHERM
WIRELESS THERMOSTAT (NO RECEIVER)
HPIDSMARTTHERM
WIRED THERMOSTAT

*max. 3 wireless thermostats per receiver

HPIDSMARTSENSOR
2m WATER TEMPERATURE SENSOR
HPIDSMARTSENSOR
4m WATER TEMPERATURE SENSOR

INSTALLATION PACKS

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

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

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

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

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

HPIDR32PACKR*
FLEXI-FOOT KIT
MAG ONE FILTER
18L SYSTEM KIT
32A ISOLATOR
IMMERSION RELAY

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