

# borpan<sup>®</sup>

*sustainable energy solutions for a better world*



**ROOM THERMOSTAT  
TERMINAL BOX  
ACTUATOR**



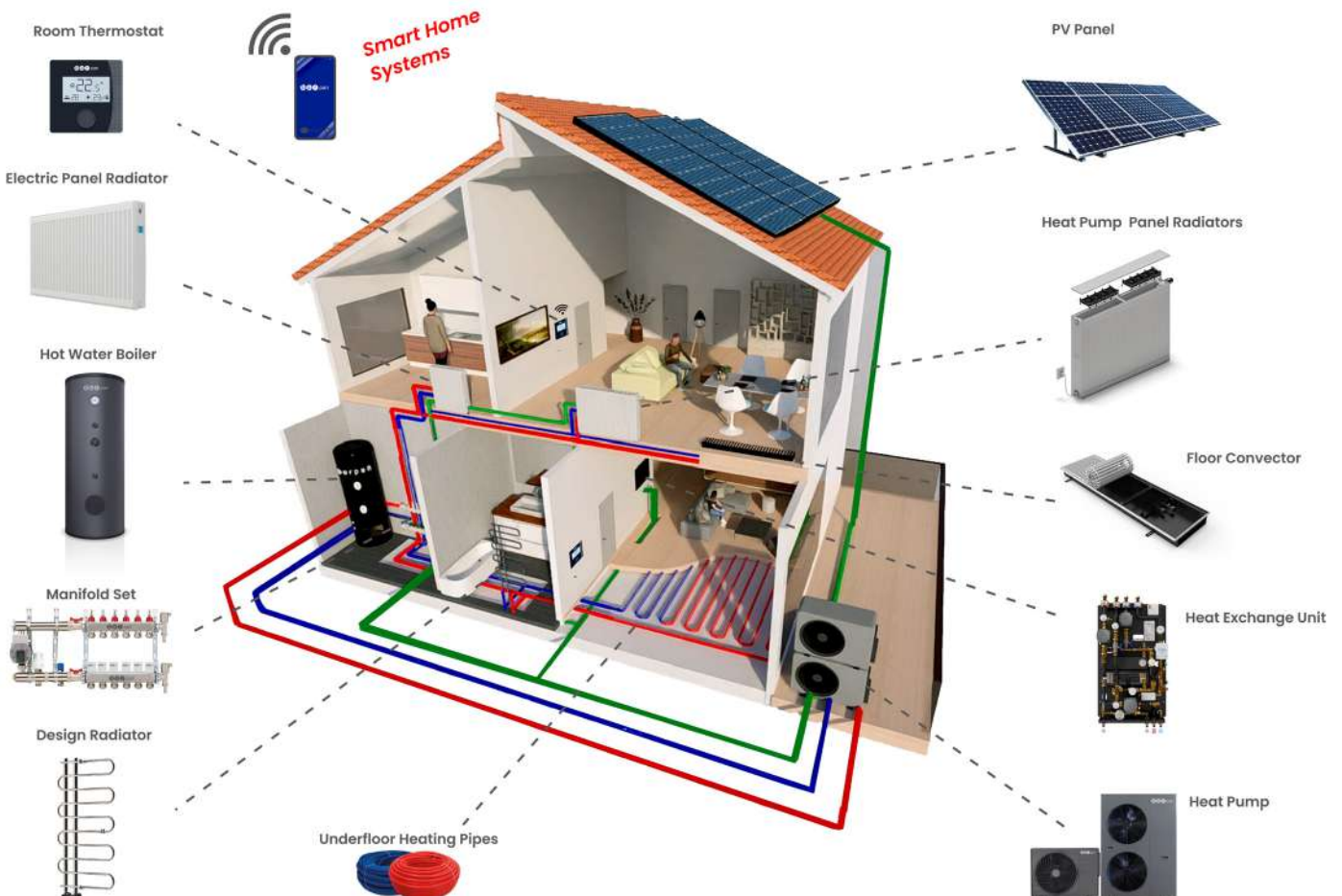
# Sustainable energy solutions for a better world

BORPAN, a brand of BEDISA Inc. Co., is one of the Türkiye's leading manufacturers. With the latest production technology available in the world, our plant covers 42.500 m<sup>2</sup> indoor area on a 80.000 m<sup>2</sup> outdoor area located in Aksaray Organized Industrial Zone.

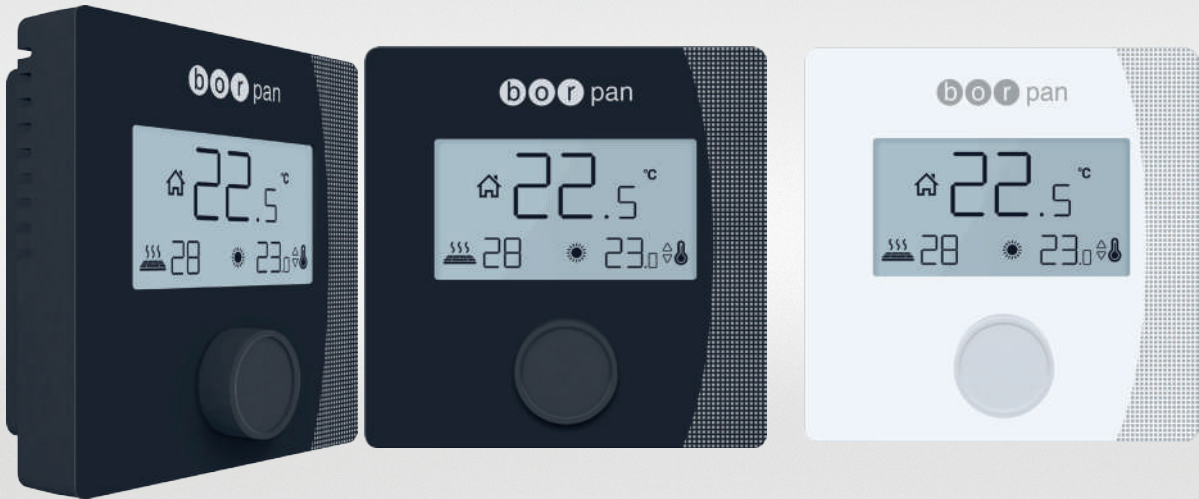
BORPAN specializes in the following HVAC products;

- Hydronic, Electric and Heat Pump Panel Radiators
- Water Heaters and Storage Tanks
- Underfloor Heating Systems
- Room Thermostat and Accessories
- Heat Interface Units
- Heat Pump
- PV Panels
- Floor Convectors
- Towel & Design Radiators
- Valves and Fittings

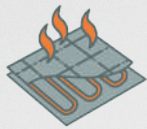
BORPAN exports to over 60 countries across 6 continents and maintains an extensive dealer network across many throughout Türkiye.







## AURA HF26S SERIES UNDERFLOOR HEATING THERMOSTAT



FLOOR HIGH  
TEMPERATURE  
PROTECTION



PRECISE  
TEMPERATURE  
MEASUREMENT



FLOOR  
HEATING  
CONTROL



OPTIONAL  
FLOOR  
SENSOR



PRECISE  
TEMPERATURE  
MEASUREMENT



ON/OFF  
CONTROL



FLOOR SENSOR  
TEMPERATURE  
ADJUSTMENT



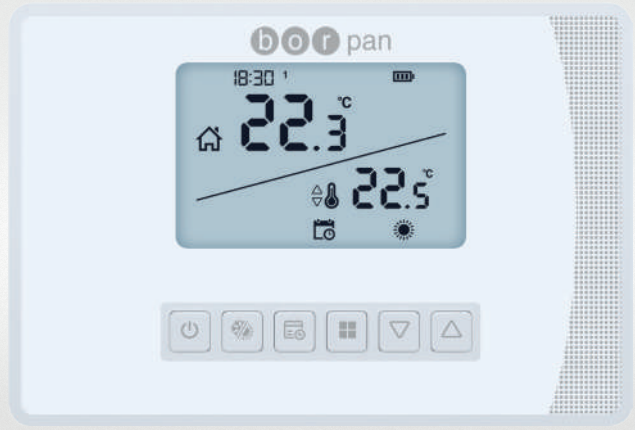
WHITE BLACK  
COLOUR OPTION



LCD  
BACKLIGHT

UNDERFLOOR HEATING ROOM THERMOSTAT TECHNICAL SPECIFICATIONS	
DIMENSIONS	85.7mm / 85.7mm / 33.5mm
OPERATING CURRENT	230VAC
RELAY NO SWITCHING CURRENT	7A (240VAC - Resistive Load) IOA (120VAC - Resistive Load) 16A * (*Optional)
TEMPERATURE MEASUREMENT ACCURACY	0.1°C
OPERATING SENSITIVITY	(-2.0°C) - (+2.0°C)
OPERATING TEMPERATURE RANGE	(5°C) - (30°C)
OPERATING TEMPERATURE	(-10°C) - (+50°C)
STORAGE TEMPERATURE	(-20°C) - (+60°C)





## AURA TH300S SERIES



**TH300S WIRED CONNECTION**



**TH300S FR WIRELESS CONNECTION**



**TH300S SMART CONNECTION**



**HEATING COOLING**



**TPI TECHNOLOGY**



**LCD BACKLIGHT**



**COMFORT MODU**



**ECONOMY MODE**



**CALIBRATION ADJUSTMENT**



**WHITE BLACK COLOUR OPTION**



**HOLIDAY MODE**



**PROGRAM MODE**

### ROOM THERMOSTAT TECHNICAL DATA

DIMENSIONS: <b>85mm / 125mm / 20mm</b>	BATTERY LIFE: <b>1 YEAR (2 x AAA)</b>
TEMPERATURE MEASUREMENT ACCURACY: <b>0.1°C</b>	OPERATING TEMPERATURE: <b>(-10°C) - (+50°C)</b>
OPERATING TEMPERATURE RANGE: <b>(5°C) - (30°C)</b>	STORAGE TEMPERATURE: <b>(-20°C) - (+60°C)</b>

### WIRED ROOM THERMOSTAT TECHNICAL SPECIFICATIONS

#### RELAY NO SWITCHING CURRENT

2A (30VDC - Resistive Load) 0.5A (125VAC - Resistive Load) or 8A (250VAC - Resistive Load) 5A (30VDC - Resistive Load)\*

\* This option is optional for OEM productions.

Unless otherwise requested, 2A (30VDC - Resistive Load) 0.5A (125VAC - Resistive Load) is used.

### SMART ROOM THERMOSTAT TECHNICAL SPECIFICATIONS

WORK SENSITIVITY: **(-2.0°C) - (+2.0°C)**

### WIRELESS ROOM THERMOSTAT! - MODEM TECHNICAL SPECIFICATIONS

DIMENSIONS: **90mm / 90mm / 25mm**

OPERATING TEMPERATURE: **(-10°C) - (+50°C)**

WORKING VOLTAGE: **230V (AC)**

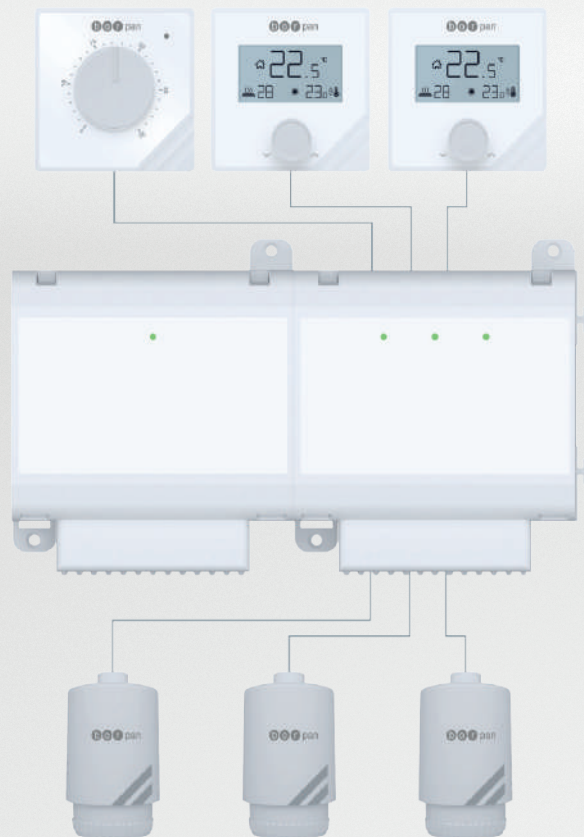
STORAGE TEMPERATURE: **(-20°C) - (+60°C)**

RELAY NO SWITCHING CURRENT 7A (240VAC - Resistive Load) 10A (120VAC - Resistive Load)





# AURA SERIES TERMINAL BOX



Colour	White
Power Supply	230V AC, 24V AC
Fuse	230V AC T4 AH, 24VA C T2A
Earthing Arrangement	Earthing terminal block for pump control
Channel Number	3, 6, 9 or 12
Power Rating	7 AMP@230V
LED Indicator	Power, Pump/heater, Heating/Cooling(CO), Zone indicator
Pump Protection	Regular Loop
Pump Output	230VAC
Generator Output	Volt Free
Construction	Class II
Input Protection	IP20
Operating Temperature	(0°C) - (40 °C)
Operating Humidity	20-90% rh
Storage Temperature	(-20° C) - (60°C)
Heating and Cooling	Cooling Transition
Mounting Type	Wall mounting and DIN
Terminals	Screw Type
Certification	CE, RoHS
Guarantee	2 Year
Housing	ABS flame retardant

Product Code	TERMINAL BOX Product Name	Thermostat 1	Thermostat 2	Thermostat 3	Thermostat 4	Thermostat 5	Thermostat 6	Thermostat 7	Thermostat 8	Thermostat 9	Thermostat 10	Thermostat 11	Thermostat 12	Scope of Supply
		Actuator	Actuator	Actuator	Actuator	Actuator	Actuator	Actuator	Actuator	Actuator	Actuator	Actuator	Actuator	
0600-001	ECO 24VAC/230VAC Z3	4	2	2										Fuse Set 24 V/230 V
0600-002	ECO 24VAC/230VAC Z6	6	4	2	2	1	1							
0600-003	ECO 24VAC/230VAC Z9	6	4	4	2	2	2	1	1	1				
0600-004	ECO 24VAC/230VAC Z12	6	4	4	2	2	2	2	2	2	1	1	1	
0600-005	COMFORT 24VAC Z3	2	2	4										Fuse Set 24 V
0600-006	COMFORT 24VAC Z6	2	2	2	4	4	6							
0600-007	COMFORT 24VAC Z9	2	2	2	2	4	4	4	6	6				
0600-008	COMFORT 24VAC Z12	2	2	2	2	2	4	4	4	4	6	6	6	
0600-009	COMFORT 230VAC Z3	2	2	4										Fuse Set 230 V
0600-010	COMFORT 230VAC Z6	2	2	2	4	4	6							
0600-011	COMFORT 230VAC Z9	2	2	2	2	4	4	4	6	6				
0600-012	COMFORT 230VAC Z12	2	2	2	2	2	4	4	4	4	6	6	6	
0500-006	TRANSFORMATOR 24V/230V													230 V 50/60 Hz / 24 V 50 VA





## AURA AT230 SERIES THERMAL ACTUATOR



**TWO-POSITION  
CONTROL**



**ROBUST  
STRUCTURE**



**SILENT  
WORK**



**TWO-WIRE NC  
(NORMALLY CLOSED)**



**MAINTENANCE  
FREE MECHANISM**



**ON/OFF  
CONTROL**



**360° TURN**



**WHITE BLACK  
COLOUR OPTION**



**EASY  
INSTALLATION**

### UNDERFLOOR HEATING ROOM THERMOSTAT TECHNICAL SPECIFICATIONS

DIMENSIONS	45.5mm / 45mm / 67.5mm
VOLTAGE	230VAC
STATUS	NC
POWER CONSUMPTION	2W
THRUST	120N
STROKE	6mm
RUNNING TIME	180 sn.
CONNECTION SIZE	M30*1.5 mm
CABLE LENGTH	900mm



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