

# borpan<sup>®</sup>

*sustainable heating solutions for a better world*



**ROOM THERMOSTAT  
TERMINAL BOX  
ACTUATOR**

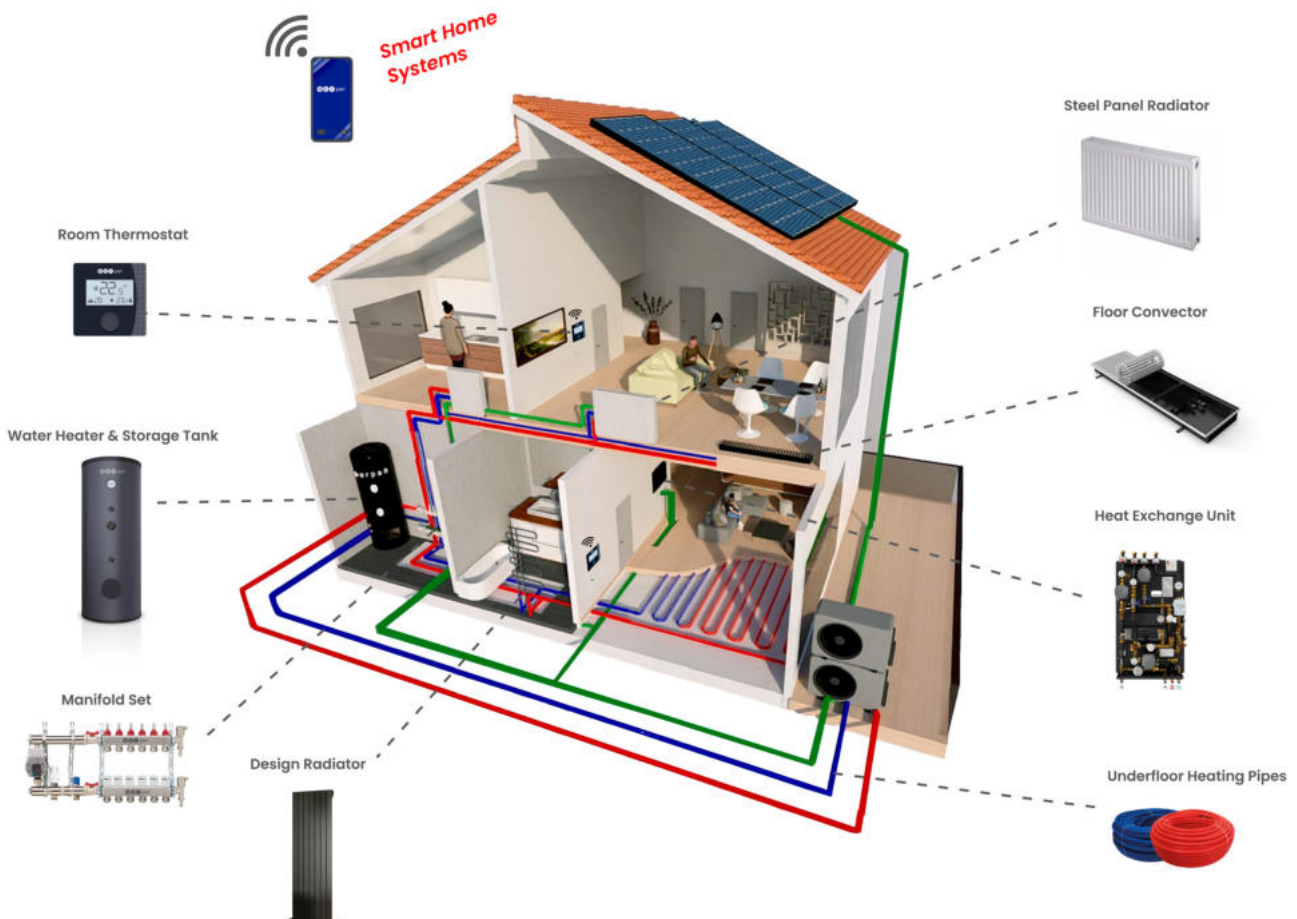
# Sustainable heating solutions for a better world

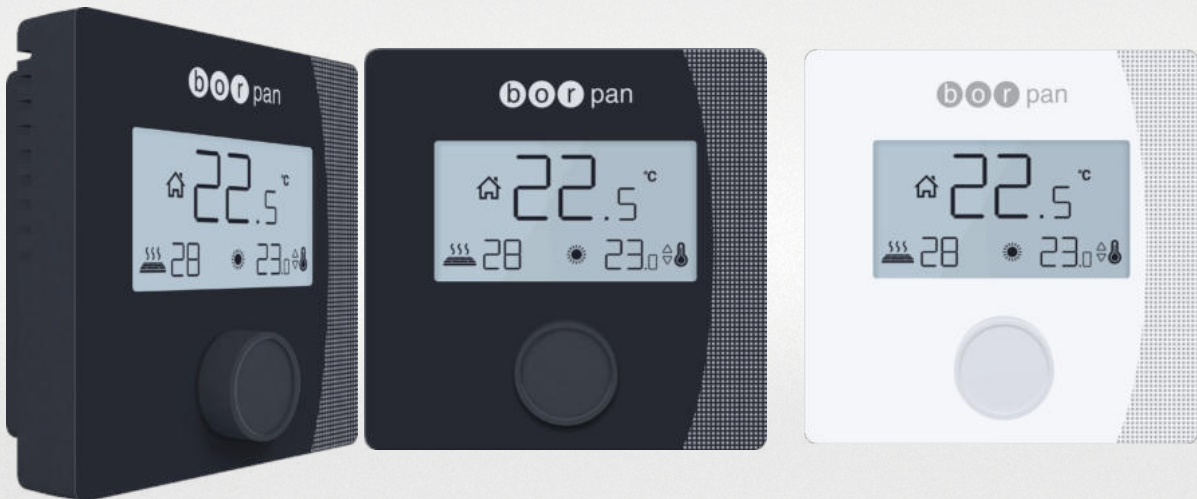
BORPAN, a brand of BEDISA Inc. Co., is one of the Türkiye's leading manufacturers. With the latest production technology available in the world, our plant covers 42.500 m<sup>2</sup> indoor area on a 80.000 m<sup>2</sup> outdoor area located in Aksaray Organized Industrial Zone.

BORPAN specializes in the following HVAC products;

- Steel Panel Radiators
- Water Heaters and Storage Tanks
- Underfloor Heating Systems
- Room Thermostat and Accessories
- Heat Interface Units
- 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



WIRED  
CONNECTION



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 BLACKLIGHT**



**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**

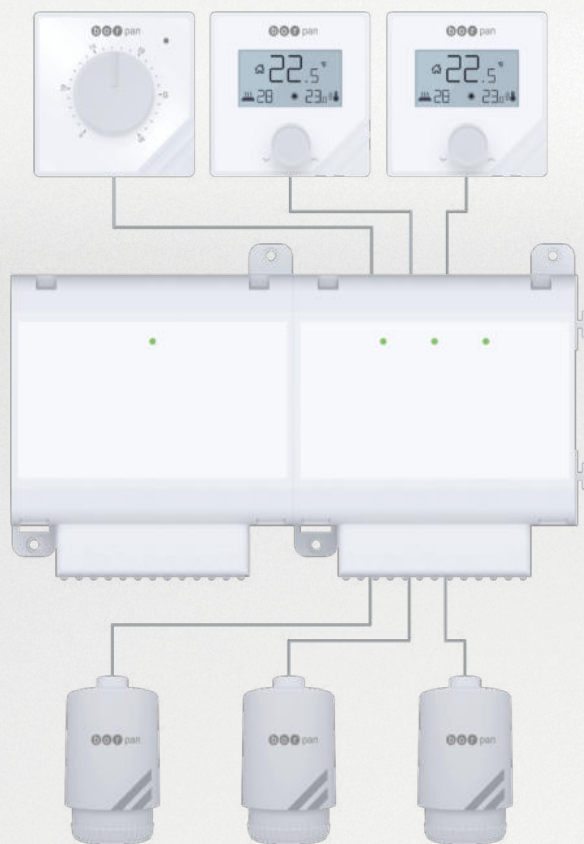
OPERATING TEMPERATURE: **(-10°C) - (+50°C)**

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, 24VAC 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**



**EASY  
INSTALLATION**



**360° TURN**



**WHITE BLACK  
COLOUR OPTION**

### UNDERFLOOR HEATING ROOM THERMOSTAT TECHNICAL SPECIFICATIONS

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



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