

borpan[®]

sustainable energy solutions for a better world



**ROOM THERMOSTAT
TERMINAL BOX
ACTUATOR**

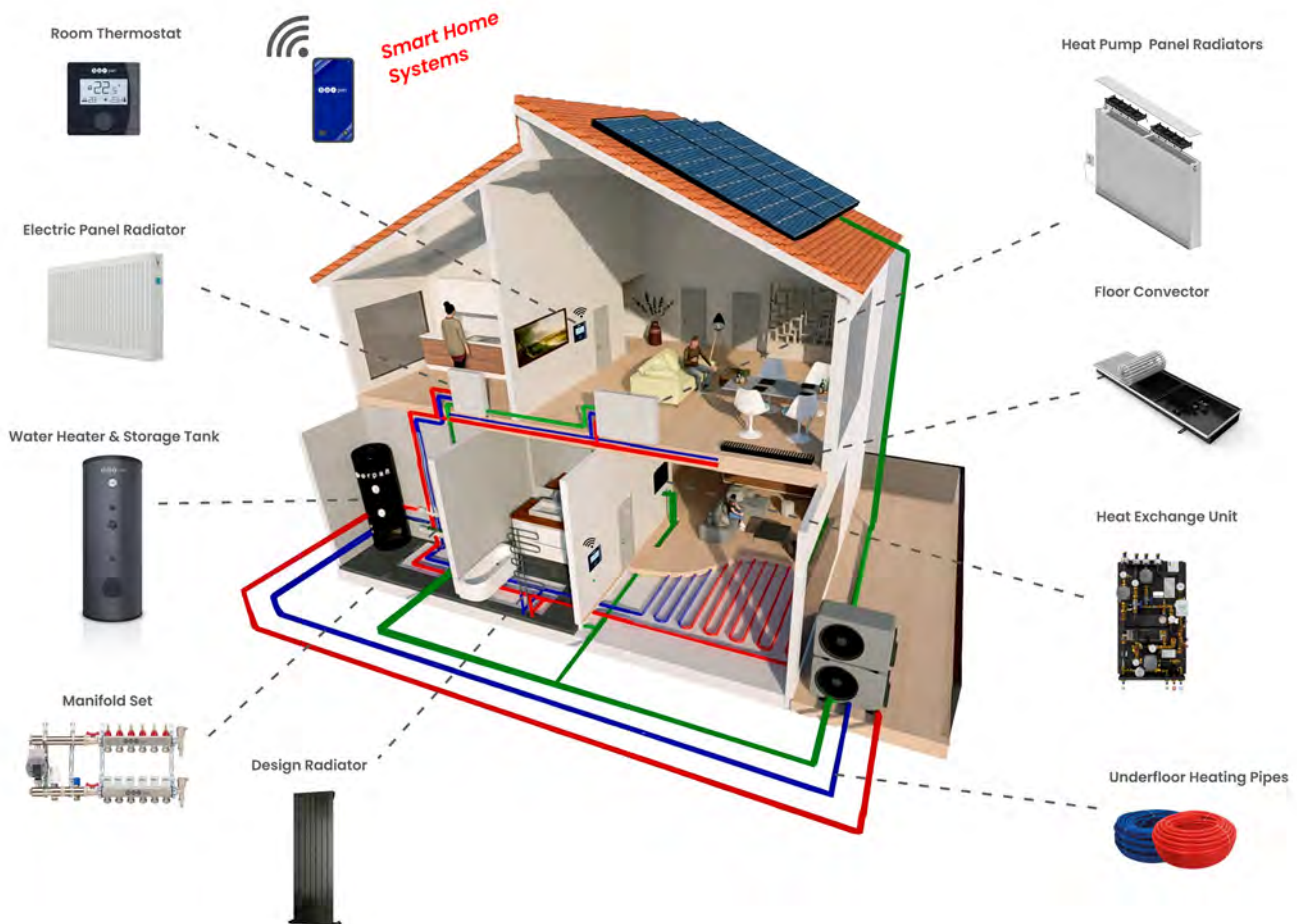
Sustainable energy solutions for a better world

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 m² indoor area on a 80.000 m² 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
- 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 BLACKLIGHT



COMFORT MODU



ECONOMY MODE



CALIBRATION ADJUSTMENT



WHITE BLACK COLOUR OPTION



HOLIDAY MODE



PROGRAM MODE

ROOM THERMOSTAT TECHNICAL DATA

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

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**

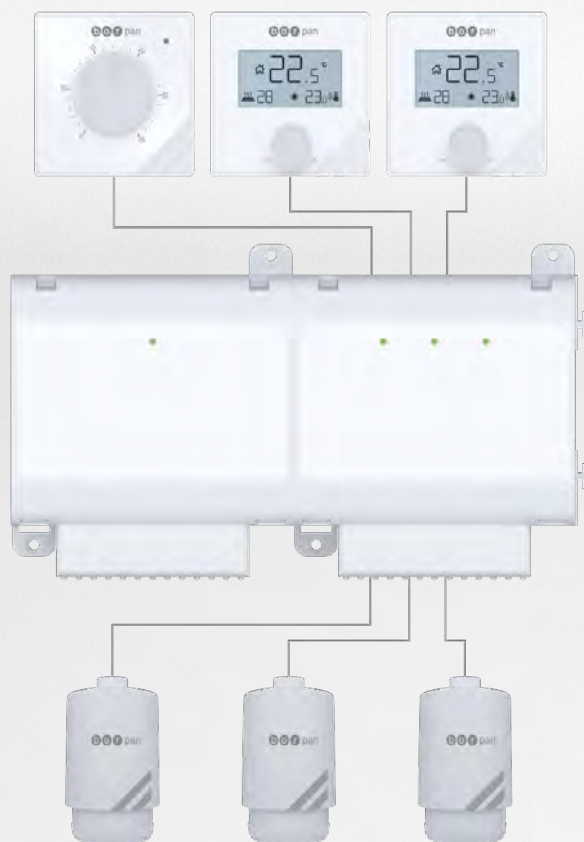
OPERATING TEMPERATURE: **(-10°C) - (+50°C)**

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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