



Orion Thermostat High Voltage

A small and modern wall mounted thermostat for easy access and guest use.

The thermostat controls the A/C with a built-in motion sensor and sets the temperature based on set requests. Orion High Voltage Thermostat is only compatible with high voltage requirements.

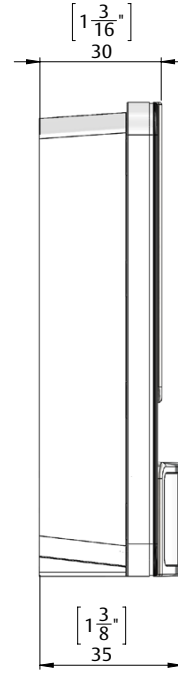
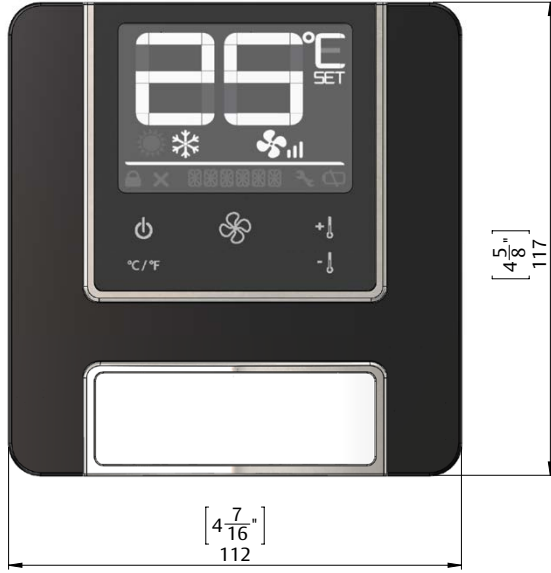
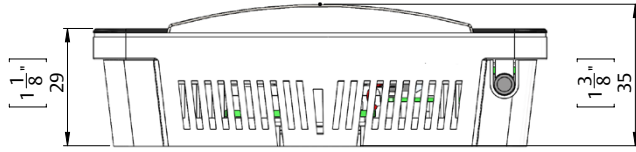
Features

- : Easy usage through intuitive design
- : Modern design
- : Wireless
- : High Voltage
- : Built-in motion sensor
- : Built-in humidity sensor
- : Simple installation
- : Determines guest presence
- : Controls most types of A/C systems

Technical Data

Usage	Digital room temperature control including Heat/Cool/3 Fan Speeds (optional proportional control)
Dimensions (H x W x D)	117 x 112 x 35 mm 4 ⁵ / ₈ x 4 ⁷ / ₁₆ x 1 ³ / ₈ in
Weight	300 g
Adjustable setpoint temperature range	17-32°C / 62-90°F (Configurable through service device)
Operating temperature	0-55°C / 32-130°F
Input voltage	100-277VAC
Service Device	Service connector (programming / setup / test)
Switch Inputs	Door switch – 1 exterior / 1 interior Multifunction input - Motion sensor / card switch / pipe temp sensor
High Voltage Outputs	W/W2 – Heating (0.5A max) Y/W2 – Cooling / compressor (0.5A max) RV – Reversing valve (0.5A max) G1 – Fan 1 (3A max) G2 – Fan 2 (3A max) G3 – Fan 3 (3A max)
Low voltage Outputs	Proportional 0-10V – Heating Proportional 0-10V – Cooling Relay output (max 24V AC/DC max 100mA)
HVAC control types	Standard H/C; heat pump
Radio (RF) Signals	ZigBee 2006 Lock to thermostat: <ul style="list-style-type: none"> • Door open – staff card • Door open – guest card • Door open from inside • Door closed • Deadbolt thrown / released Thermostat to lock: <ul style="list-style-type: none"> • Room occupied External Motion sensor (if used) to thermostat: <ul style="list-style-type: none"> • Motion detected • Battery status Thermostat to external motion sensor (if used): <ul style="list-style-type: none"> • Turn off when the room is occupied and door is closed • Turn on when the door is opened again
Temperature sensor	Integrated in thermostat
Thermostat deadband	Configurable 1 – 3 °F; default is 2 °F
Heat / cool switching deadband	Configurable 2 – 4 °F; default is 3 °F
Heat / cool switching	Configurable to allow or disallow auto changeover of heat/cool.
Freeze guard	39 °F / 4 °C
Temperature display	Configurable: Guest setting or room temp.; default is room temp.
Room not occupied timer	Configurable 1 – 30 minutes; default is 8 minutes
Room not sold timer	Configurable 12 – 24 hours; default is 16 hours
Compressor delay (dwell-off time)	Default ON (5 minutes) if heatpump is selected, else default OFF. Dwell-off time prevents short-cycling of the compressor
Material	ABS
Certifications	UL,CE,FCC
Colors	White housing with black, white or stainless steel imitation front

Dimensions



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Specifications may change without notice.
Note: Photos may differ from actual finish.