



Orion Thermostat

Orion Thermostat-Original-LV

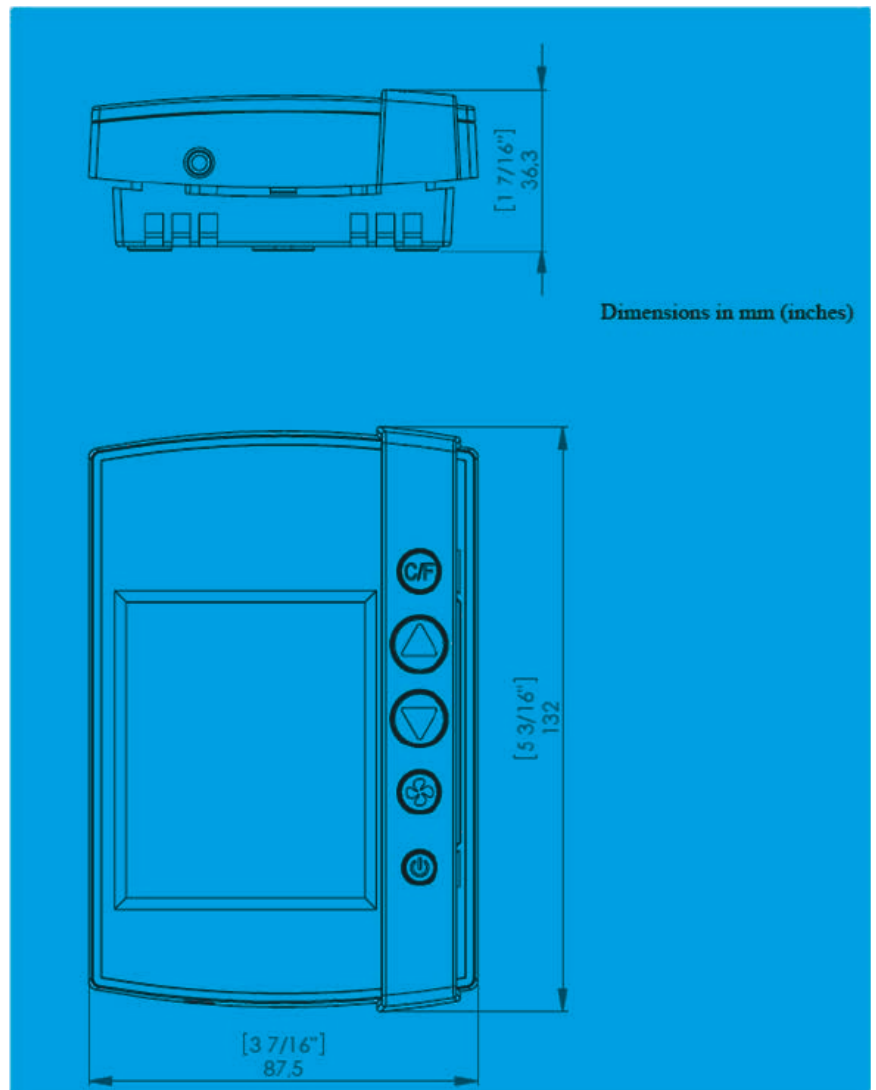
A small 2 digit intuitive room temperature controller that are mounted on the wall for easy guest access. The thermostat controls the A/C and communicates with the motion sensor and door switch to set the room temperature. Orion Thermostat Basic is our low voltage installation option.



Features

- Digital room temperature control including Heat/Cool/3 Fan Speeds
- Integration with VISIONLINE by VingCard option, hence controlling EMS, locks and safes in one single system.
- Integrated humidity sensor
- Modular design – upgradeable for future options
- Simple installation
- Intuitive to use
- Temperature display range: 2 digit display
- Configurable “room not occupied”/“room not sold” status timers

Dimensions:



Technical Data

Usage	Digital room temperature control including Heat/Cool/3 Fan Speeds
Dimensions (H x W x D)	132 X 87 X 36 mm 5.19 X 3.44 X 1.42 in
Weight	222 g.
Setpoint/Operating temp range	65-90°F / 18-32°C (Configurable through service device)
Recommended operating temp	10 °C to 70 °C (50 °F to 122 °F)
Input voltage	12-24 VAC / 15-24 VDC
V+	Follows the input voltage (AC rectified) VDC relative to GND
Inputs	Door switch – 1 exterior / 1 interior Motion sensor / card switch I/O Service connector (programming)
Outputs	W/W2 – Heating Y/W2 – Cooling / compressor G1 – Fan 1 G2 – Fan 2 G3 – Fan 3 RV – Reversing valve
HVAC control types	Standard H/C; heat pump
Radio (RF) Signals	ZigBee 2006 Lock to thermostat: : Door open – staff card : Door open – guest card : Door open from inside : Door closed : Deadbolt thrown / released Thermostat to lock: : Room occupied Motion sensor to thermostat: : Motion detected : Battery status Thermostat to motion sensor: : Turn off when the room is occupied and door is closed : Turn on when the door is opened again
Temperature sensor	Integrated in thermostat Option: remote temperature sensor that connects directly to the thermostat controller
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)	5 minutes. The dwell-off time prevents short-cycling of the compressor; this parameter cannot be changed
Material	ABS757
Certifications	UL,CE,FCC
Colors	White (Black available as special production batch)
Recommended storage conditions	Temperature Range: 15°C to 27°C (59°F to 80°F) Humidity Range: 30% to 60% relative humidity (RH)