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Romans 10:11 For whosoever believes on Him shall not be ashamed.

# A421 TEMPERATURE CONTROL

Controls



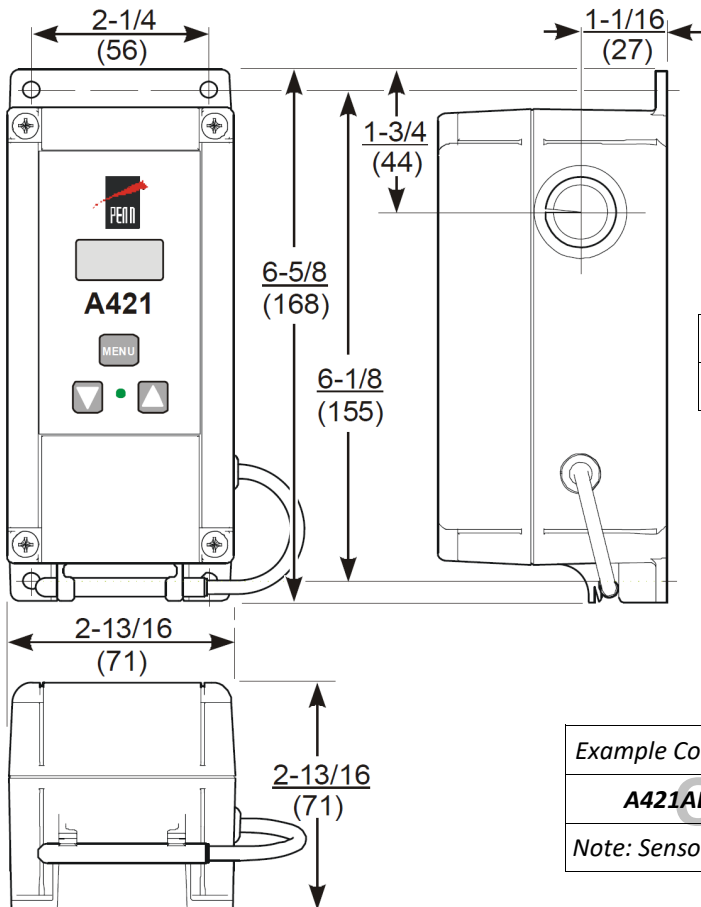
The A421 electronic temperature control is a single-stage, single-pole double-throw (SPDT), electronic temperature control. The control features a lockable, three button touchpad for setup and adjustment and an LCD which displays the sensed temperature and other control functions. A front panel LED indicates the output relay status. The control has a temperature range of -30°F to 212°F. The A421 control has both heating and cooling modes with adjustable setpoint and differential, an adjustable anti-short cycle delay, and a temperature offset function. The control provides remote sensing capability, and electronic accuracy in a NEMA 4X watertight and corrosion resistant enclosure.

- Easy-to-read LCD displays the sensed temperature and control function status clearly and custom icons on the display indicate the control and system status at a glance.
- The temperature differential adjustment range allows precise (1°F or °C) temperature differential settings that are much tighter than electromechanical controls.
- The Adjustable Anti-Short Cycle Delay (0-12 minutes in 1-minute increments) ensures that the output relay remains off for a user-set time delay and helps avoid hard starts, nuisance overload outages, and unnecessary equipment wear.
- The Noryl® high-impact thermoplastic type NEMA 4X enclosures allow watertight surface mount.
- Lockable front-panel touchpad allows easy setup and adjustment of the A421 control setpoint, differential, and other functions; a concealed jumper locks the touchpad.



C US

	120VAC	208VAC	240VAC	277VAC
<b>Full Load Amps</b>	16.0	9.20	8.00	6.90
<b>Locked Rotor Amps</b>	96.0	55.2	48.0	41.6
<b>Non-Inductive Resistive Load Amps</b>	15.0	10.0	10.0	8.70



Type	Range	Differential	Sensor
SPDT	-30°F - 212°F	1°F - 30°F	6.5' PTC

Example Configuration	A421	Weight
A421AEC-02C	NEMA 4X Digital Thermostat	1.0 Lb
Note: Sensor is for ambient or line sensing use.		