

# For Residential and Commercial Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

## Mixing Control 356

**Dimensions: 4-3/4" H x 2-7/8" W x 1-7/8" D (120 x 74 x 48 mm)**

The Mixing Control 356 is designed to operate a mixing pump to control the temperature in a hot water heating system using Outdoor Temperature Reset. It can be used in applications ranging from in-floor radiant to commercial baseboard systems for boiler protection with full reset. This control regulates a single heating water temperature through Outdoor Temperature Reset. It provides mixing by speeding up or slowing down a single permanent capacitor (standard wet rotor) circulator.



Mixing Control 356

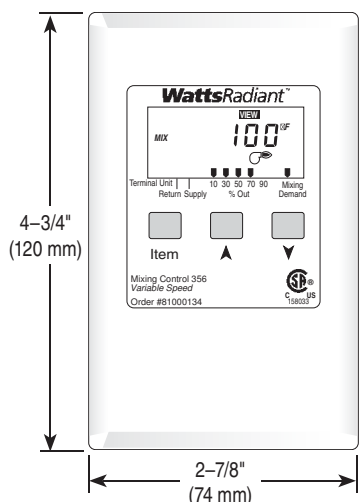
### Mixing Control 356

DESCRIPTION	PROPERTY
Literature	IOM-WR-Mixing_Control_356, ES-WR-Mixing_Control_356
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	1.5 lb. (670 g)
Dimensions	4-3/4" H x 2-7/8" W x 1-7/8" D (120 x 74 x 48 mm)
Enclosure	White PVC plastic, NEMA type 1
Approvals	CSA C US, meets class B: ICES & FCC Part 15
Ambient conditions	Indoor use only, 32 to 104°F (0 to 40°C), RH ≤90% Non-condensing
Power supply	24 V (ac) ±10%, 50/60 Hz, 3 VA
Var. pump	120 V (ac) 2.4 A, 1/6 hp
Relays	120 V (ac) 5 A, 1/6 hp
Mixing demand	24 V (ac) 2 VA
Sensors	NTC thermistor, 10 kΩ @ 77°F (25°C ±0.2°C) β=3892
-Included	Outdoor Sensor 070 and 2 of Universal Sensor 082

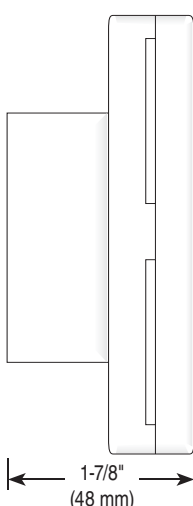
### Features

- Outdoor temperature reset
- Warm weather shut down
- Boiler control
- Automatic boiler differential
- Variable speed pump control

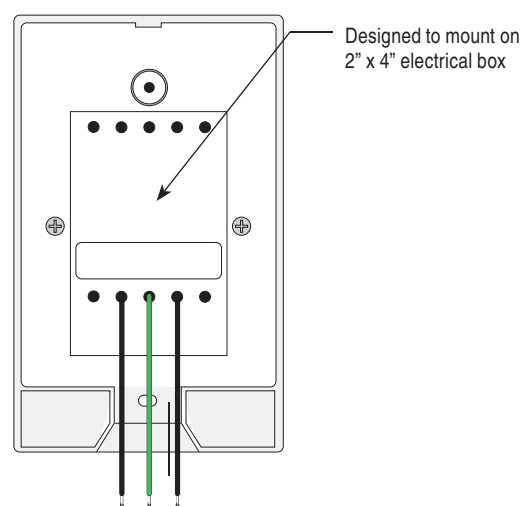
Front View



Side View



Back View



### Product Options

Qty	Description	Model#	Order#
	Mixing Control 356	300147	81000134

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