

tekmar® Submittal

Universal Reset Control 363



Alt. Energy

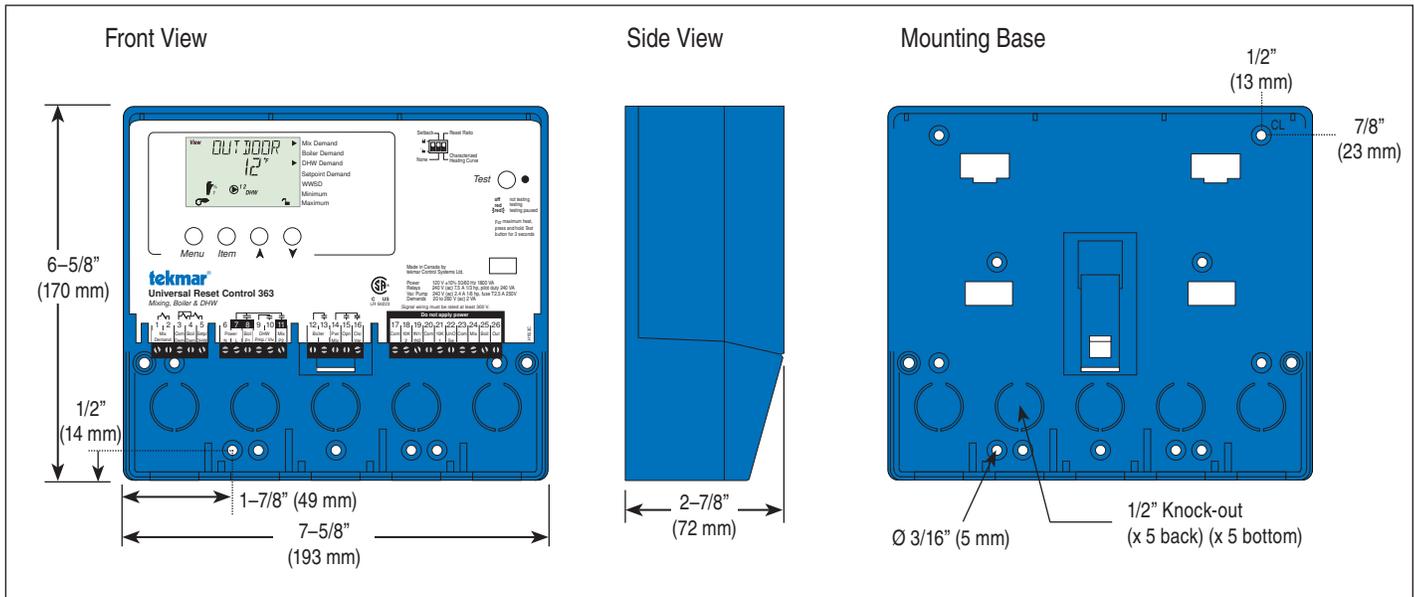
C 363

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Replaces: New

Job _____ Designer _____ Contact _____

The Universal Reset Control 363 is designed to operate all of the mechanical equipment in a residential hydronic heating system. It can be used in applications ranging from a single zone of baseboard with an on/off boiler to multiple fan coils, and low temperature radiant floor zones. It regulates up to two space heating water temperatures through Outdoor Temperature Reset. It is capable of controlling a single on/off boiler, a mixing device (variable speed pump or mixing valve), and domestic hot water or setpoint loads.



Specifications

Universal Reset Control 363 Mixing, Boiler & DHW	
Literature	D363, A363, U363, D001, D070, E003
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	3.9 lb. (1760 g)
Dimensions	6-5/8" H x 7-9/16" W x 2-13/16" D (170 x 193 x 72 mm)
Enclosure	Blue PVC plastic, NEMA type 1
Approvals	CSA C US, meets Class B: ICES & FCC Part 15
Ambient conditions	Indoor use only, 36 to 104°F (2 to 40°C), RH ≤80% to 88°F (31°C), down to 50% above 104°F (40°C), Altitude <6560 ft. (2000 m), Installation Category II, Pollution Degree 2
Power supply	115 V (ac) ±10%, 60 Hz, 1800 VA
Relays	230 V (ac) 7.5 A, 1/3 hp, pilot duty 240 VA
Var. Pump	230 V (ac) 2.4 A, 1/6 hp, fuse T2.5 A 250 V
Demands	20 to 260 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 071
-Optional	tekmar type #: 033, 040, 063, 070, 071, 072, 073, 076, 077, 082, 084
Warranty	Limited 3 Year (See D363 for full warranty)

Energy Saving Features

- Outdoor Temperature Reset
- Indoor Temperature Feedback (with optional indoor sensor)
- Warm Weather Shut Down
- Boiler control
- Automatic Boiler Differential
- Setback input for energy savings

Additional Features

- 2 outdoor reset controlled water temperatures
- Variable speed pump control or floating action mixing control
- Quick setup for easy installation
- User comfort adjustment to increase or decrease building space temperature
- Advanced settings to fine-tune building requirements
- Powered boiler system and mixing system pump outputs
- Pump and valve exercising
- DHW pump or valve operation
- Optional DHW priority
- Test sequence to ensure proper component operation
- 115 V (ac) power supply
- CSA C US certified (approved to applicable UL standards)

SPECIAL REQUIREMENTS

N / A

