

# Freeze Protection Controls



**PF1102M**



**PF1102**



**PF1103MT**



**PF1103T**



## PF1100 Series Single Circuit Freeze Protection Controls

These Freeze Protection Controls are designed to protect pool and spa equipment and plumbing against freeze damage. They turn the pump and heater ON when the outdoor temperature drops below the temperature set by the user-adjustable thermostat.

Models without timer connect to a timing or switching device and they control operation of the equipment, as well as protect it against freeze damage. Models with timer provide both automation and protection for the equipment.

### Applications:

- Filter Pumps
- Filter Pump/Booster Pump Combinations
- Waterfalls
- Water Features

### Specifications:

**Enclosure:** 0.034 in. drawn steel, electrostatically coated, beige color

Hasp, with hole for lock, holds permanently attached side-hinged door closed  
9<sup>3</sup>/<sub>8</sub> in. (23.8 cm) H x 5<sup>1</sup>/<sub>4</sub> in. (14.0 cm) W x 3<sup>5</sup>/<sub>8</sub> in. (9.2 cm) D

**Knockouts:** 1/2 – 3/4 in. combination knockouts, one back, one on each side, two bottom

**Thermostat Range:** 45°F – 32°F with 5 degrees differential

**Electrical Rating:** See table.

**Agency Approval:** CSA/C-US

Model #	Description	Input Rating	HP	Shipping Weight
PF1102	Thermostat only for 240 VAC installation	240 VAC	3	3.7 lbs (1.7 kg)
PF1102M	mechanism only	240 VAC	3	2.0 lbs (0.9 kg)
PF1102T	Timer with thermostat for 240 VAC installation	240 VAC	3	4.5 lbs (2.0 kg)
PF1102MT	mechanism only	240 VAC	3	2.5 lbs (1.1 kg)
PF1103	Thermostat only for 120/240 VAC installation	120/240 VAC*	1.5/3	3.7 lbs (1.7 kg)
PF1103M	mechanism only	120/240 VAC*	1.5/3	2.0 lbs (0.9 kg)
PF1103T	Timer with thermostat for 120/240 VAC installation	120/240 VAC*	1.5/3	4.5 lbs (2.0 kg)
PF1103MT	mechanism only	120/240 VAC*	1.5/3	2.5 lbs (1.1 kg)

\* Neutral must be installed.