

Low Water Cut-Offs – Electronic For Steam Boilers

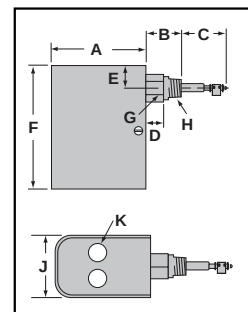
New and Improved

Series PS-800 Low Water Cut-Offs



**NOW WITH
SELF-CLEANING
PROBE!**

- For residential and commercial applications
 - Electronic operation
- New Features:
- User-friendly diagnostics
 - Red low water and shorted probe LED
 - Green power and test LED
 - Probe sensitivity: 7,000 ohms
 - No lock out with loss of power if probe is in water
 - Delay on Make (DOM) feature (15 seconds)
 - Delay on Break (DOB) feature (10 seconds)
 - No blow down of control required when mounted directly into boiler tappings
 - Test button standard on all models
 - Options available include
 - Manual reset
 - Extended barrel and remote sensor models
 - 120 volt and 24 volt models (24 volt models meet ANSI specification Z21.13a)
 - Power consumption 1.7 VA
 - Provisions to add alarm or automatic water feeder
 - Maximum ambient temperature 120°F (49°C)
 - Maximum steam pressure 15 psi (1 kg/cm²)
 - Maximum water temperature 250°F (121°C)



Electrical Ratings

Model	Voltage	Motor Switch Rating (Amperes)		Pilot Duty
		Full Load	Locked Rotor	
24 VAC	24 VAC	—	—	50 VA at 24 VAC
120 VAC	120 VAC	7.5	43.2	125 VA at 120 or 240 VAC 50 or 60 Hz
	240 VAC	3.75	21.6	

Dimensions, in. (mm)

A	B		C				D	E	F	G	H		J	K
	All	U	Std	SP	RX2	U					All	RX		
4 $\frac{1}{4}$ (108)	1 $\frac{1}{16}$ (40)	3 $\frac{1}{16}$ (78)	2 $\frac{1}{2}$ (54)	1 $\frac{3}{8}$ (35)	2 $\frac{1}{2}$ (54)	1 $\frac{1}{16}$ (40)	$\frac{3}{4}$ (20)	1 $\frac{3}{16}$ (21)	5 $\frac{13}{16}$ (148)	1 $\frac{1}{8}$ (35)	$\frac{3}{4}$ NPT	$\frac{1}{2}$ NPT	2 $\frac{1}{2}$ (73)	$\frac{7}{8}$ (22)

Ordering Information

Model Number	Part Number	Description	Weight lbs. (kg)
PS-801-120	153875	Low water cut-off 120V	2.7 (1.2)
PS-801-M-120	153880	PS-801-120 w/manual reset	2.7 (1.2)
PS-801-U-120	153876	PS-801-120 w/ext. barrel	2.7 (1.2)
PS-801-M-U-120	153925	PS-801-120 w/ext. barrel & manual reset	2.7 (1.2)
PS-802-24	153917	Low water cut-off 24V	2.7 (1.2)
PS-802-M-24	153913	PS-802-24 w/manual reset	2.7 (1.2)
PS-802-U-24	153916	PS-802-24 w/ext. barrel	2.7 (1.2)
PS-802-M-U-24	153924	PS-802-24 w/ext. barrel & manual reset	2.7 (1.2)
PS-802-RX2-24	153914	PS-802-24 w/remote sensor	2.7 (1.2)



CAUTION

Do not use "manual reset" models with electric automatic water feeders.
Failure to follow this caution can cause flooding and property damage.