

Low Water Cut-Offs – Mechanical For Steam Boilers

Series 150
Low Water Cut-Off/Pump Controllers

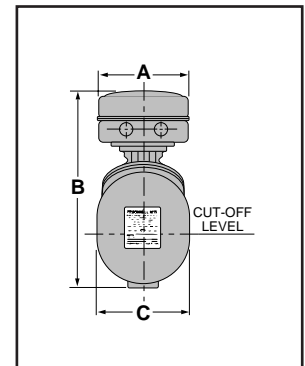
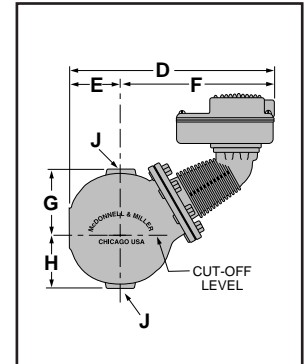
- For commercial and industrial low or high pressure boiler applications
- For boilers of any steaming capacity
- Monel bellows provides corrosion resistance
- Mercury switches for high temperature service
 - 1 Single pole, single throw switch for pump control
 - 1 Single pole, double throw switch for low water cut-off and alarm actuation
- Optional features
 - Manual reset
 - 2 Single pole, single throw switches
 - 2 Single pole, double throw switches
 - Float block
 - BSPT threads
- Maximum pressure 150 psi (10.5 kg/cm²)
- For new electronic 150E Series see page 41

Model 150-MD

- Maximum differential operation**
- Prevents nuisance burner shutdowns in **low pressure** applications
 - Maximum operating pressure 50 psi (3.5 kg/cm²)
 - For additional information see page 56



Series 150



Electrical Ratings

Voltage	Cut-off and Pump Circuits Rating (Amperes)		Pilot Duty
	Full Load	Locked Rotor	
120 VAC	7.4	44.4	345 VA at 120 or 240 VAC
240 VAC	3.7	22.2	

Alarm Circuit Rating (Amperes)	
Voltage	Amps
120 VAC	1
240 VAC	1/2

Ordering Information

Model Number	Part Number	Description	Weight lbs. (kg)
150	171700	Combination low water cut-off/pump controller	24.7 (11.2)
150-B	171900	150 w/float block	24.7 (11.2)
150-B-M	172100	150-B w/manual reset	24.7 (11.2)
150-J	172600	150 w/BSPT threads	24.7 (11.2)
150-MD	171800	150 w/maximum differential	24.7 (11.2)
150-M	172700	150 w/manual reset	24.7 (11.2)
150-M-MD	172800	150-M w/maximum differential	24.7 (11.2)
150-MJ	172900	150-M w/BSPT threads	24.7 (11.2)
158	178400	150 w/2 SPDT switches	26.3 (11.9)
158-M	178500	158 w/manual reset	27.3 (12.4)
159	178800	150 w/2 SPST switches	26.0 (11.8)
150BMD	172000	150 w/float block and max. diff.	24.7 (11.2)
150BM-MD	172200	150BMD w/manual reset	24.7 (11.2)

Dimensions, in. (mm)

A	B	C	D	E
5 ⁷ / ₈ (149)	12 ¹⁷ / ₁₆ (316)	6 (152)	13 ¹ / ₄ (337)	3 ⁵ / ₁₆ (84)
F	G	H	J	
9 ¹⁵ / ₁₆ (252)	4 ¹ / ₈ (105)	3 ⁷ / ₁₆ (87)	1 NPT	