

Low Water Cut-Offs – Mechanical For Steam Boilers

Series 157



Low Water Cut-Off/Pump Controllers

- For residential, commercial and industrial low or high pressure boiler applications
- For boilers of any steaming capacity
- Monel bellows provides corrosion resistance
- Float chamber with integral water column provided
- Mercury 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
 - Integral conductance probes for additional levels and greater operating differential-Model 157-RBP-MD
 - 1" or 1¼" NPT equalizing tappings
 - ½" or ¾" NPT tappings for gauge glass/tri-cock installations
 - BSPT threads
- Maximum pressure 150 psi (10.5 kg/cm²)
- For new electronic 150E Series see page 41

Model 157-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

Electrical Ratings

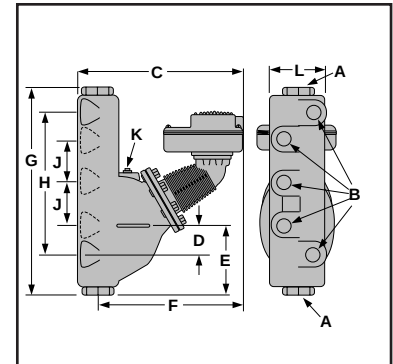
Voltage	Cut-off and Pump Circuits Rating (Amperes)		Pilot Duty
	Full Load	Locked Rotor	
120 VAC	7.4	44.4	345 VA at 120 or 240 VAC
240 VAC	3.7	22.2	

Ordering Information

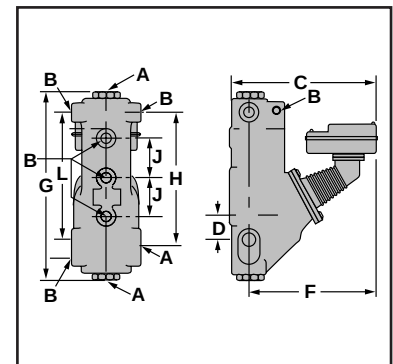
Model Number	Part Number	Description	Weight lbs. (kg)
157	173500	150 low water cut-off w/water column	39.7 (18.0)
157-MD	173600	157 w/maximum differential	39.7 (18.0)
157-A	173700	157 w/alternate tappings	39.5 (17.9)
157-A-M	173800	157-A w/manual reset	39.5 (17.9)
157-M	175400	157 w/manual reset	39.7 (18.0)
157-M-MD	175410	157-M w/maximum differential	39.7 (18.0)
157-R	176200	157 w/alternate tappings	42.0 (19.0)
157-R-M	177300	157-R w/manual reset	42.0 (19.0)
157-RBP-MD	176501	157 w/2 integral conductance probes	51.0 (23.1)
157-RL	176900	157 w/alternate tappings	42.0 (19.0)
157-RL-M	177000	157-RL w/manual reset	42.0 (19.0)



Series 157



Model 157-RBP-MD



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

Dimensions, in. (mm)

Model	A NPT	B NPT	C	D	E
157	1	½	13⅜ (339)	2⅝ (59)	4⅛ (125)
157-A	1¼	¾	13⅜ (339)	2⅝ (59)	4⅛ (125)
157-R	1	½	13⅜ (339)	2¼ (57)	5⅞ (149)
157-RL	1¼	½	13⅜ (339)	3½ (89)	5⅞ (149)

Model	F	G	H	J	K NPT	L
157	11¼ (298)	16 (406)	11½ (292)	3½ (89)	¾	5⅞ (149)
157-A	11¼ (298)	16 (406)	11½ (292)	3½ (89)	¾	5⅞ (149)
157-R	11¼ (298)	17 (432)	11½ (292)	3½ (89)	¾	6¼ (159)
157-RL	11¼ (298)	17 (432)	12¾ (324)	3½ (89)	¾	6¼ (159)