xylem
Let's Solve Water

McDonnell & Miller
a xylem brand

GUARDDOG®
MODEL RB-122E

LOW WATER CUT-OFF FOR HOT WATER BOILERS

330 N
LIMIT CONTROL

c UL LISTED

211651 REV 0

Push-to-Test Button

Enables low water cut-off protection to be verified without draining any part of the system.

TEST   POWER
LOW WATER

Automatic Reset

Resumes operation after a power outage when water is on probe.

Brass Threads

Metal-to-Metal seal ensures a leak-free installation.

Patented Self-Cleaning Probe

Minimizes scale build-up and extends recommended cleaning interval to 5 years.

Wrench Flats

Easily and quicky installs in any hydronic system.

Condition Indicator

Red LED indicating low water condition. Green LED indicating power is on.

GUARDDOG®   c UL us

McDonnell & Miller GuardDog®
RB-122E Low Water Cut-Off for Hot Water Boilers

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RB-122E Low Water Cut-Off For Hot Water Boilers

The RB-122E Low Water Cut-Off is specially designed to protect hot water boilers from the hazards of a low water condition. If the boiler is starved from water, it can have catastrophic results, from system failure to possible explosion and loss of life.

- For residential hot water boiler applications

- Electronic operation

- Easy to install and wire

- Automatic reset feature resumes operations after water level is restored above the probe

- No blow down required

- 20,000 ohms probe sensitivity

- Maximum ambient temperature 120°F (49°C)

- Maximum water temperature 250°F (121°C)

- Maximum water pressure 160 psi (11.2 kg/cm²)
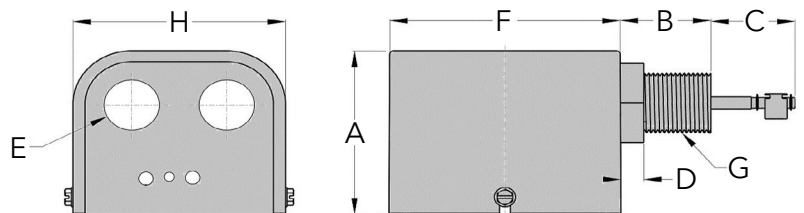
- Self cleaning probe standard for all controls

Ordering Information

Model Number	Part Number	Description	Weight lbs. (kg)
RB-122E	144703	Low Water Cut-Off	1.7 (.78)

Electrical Ratings

Voltage Power	Power Consumption	Load Switching
120 VAC	3.1 VA	5.8 A at 120 VAC

Dimensions, in. (mm)

A	B	C	D	E	F	G	H
2-7/8 (72)	1-7/16 (36)	1-5/16 (34)	3/8 (9)	7/8 (22)	3-5/8 (92)	3/4 NPT	3-3/8 (85)

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Xylem Inc.
8200 N. Austin Avenue
Morton Grove, Illinois 60053
Phone: (847) 966-3700
Fax: (847) 965-8379
www.xylem.com/mcdonnellmiller

Learn more about RB-122E

Learn more about our full line of Low Water Cut-Off products