

McDonnell & Miller GuardDog® RB-24E Low Water Cut-Off



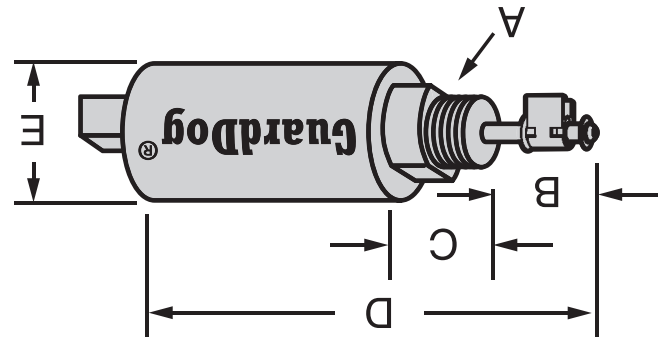
Electrical Ratings

24 VAC	2.5 VA	2 A at 24 VAC
Voltage Power	Consumption	Load Switching

Note: A 15mA minimum current draw is required.

Dimensions, in. (mm)

3/4	1 3/16 (30.2)	1 3/16 (30.2)	5 3/4 (146)	1 7/8 (47.6)
A NPT	B	C	D	E



Ordering Information

Model Number	Part Number	Description
RB-24E	144692	Residential LWCO
RB-24E-A	144694	Residential LWCO w/vent damper harness
RB-24E-S	144693	Residential LWCO w/control board harness
RB-24E-L	144690	Residential LWCO w/burner control harness
UWH-RB-24A	144681	Replacement cable for RB-24E-A
UHW-RB-24S	144682	Replacement cable for RB-24E-S
UHW-RB-24L	144691	Replacement cable for RB-24E-L

xylem
Let's Solve Water

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Good Dog.



Patented Self-Cleaning Probe

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

Brass Threads

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

Wrench Flats

Easily and quickly installs in any hydronic system.

Plug & Play Installation

Universal wiring harness fits any gas boiler. "Plug & Play" harnesses available for most residential boilers.

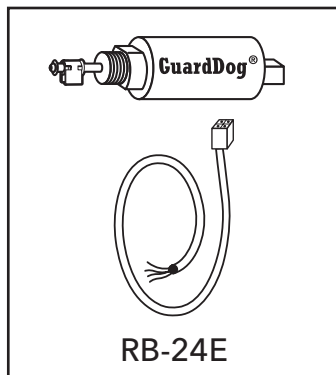
Push-to-Test Button

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

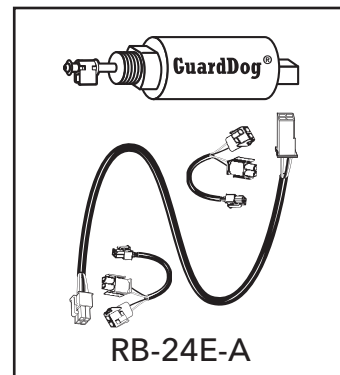
Boiler Controls

RB-24E Low Water Cut-Offs

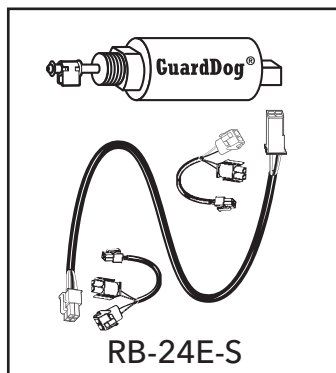
- Brass threads enable a secure and trouble-free installation
- Test button to quickly confirm proper operation
- Universal wiring harness fits 100% of today's gas boilers
- -S, -A and -L models provide "plug & play" installation with most residential boilers
- Compact size
- Easy to install and wire
- Automatic reset feature resumes operations after a power outage when water is on probe
- Green LED indicating power on
- Red LED indicating low water condition
- Solid state operation
- 15,000 ohms probe sensitivity
- Maximum ambient temperature 120°F (49°C)
- Maximum water temperature 250°F (121°C)
- Maximum water pressure of 160 psi (11 kg/cm³)



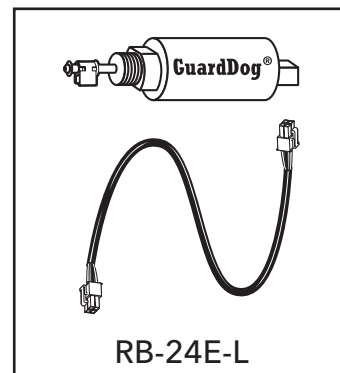
RB-24E



RB-24E-A



RB-24E-S



RB-24E-L