Safgard™
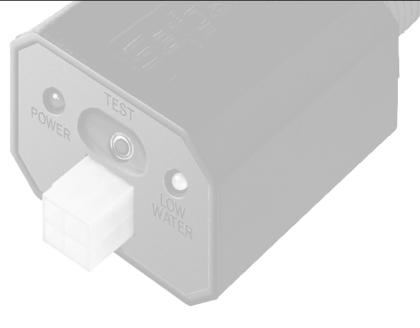
EZ Plug
Wire Harnesses

MODELS 45-347,
45-348, 45-349, 45-350,
45-353, 45-354

Wire harnesses on this sheet are available separately or can be ordered with the Safgard Model 1100 low water cut-off. See each listing below.
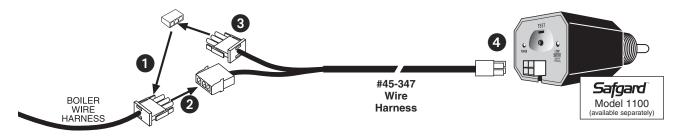
#45-347 Wire Harness

For boilers equipped with Burnham – PVG, Series 2; New Yorker CG-D
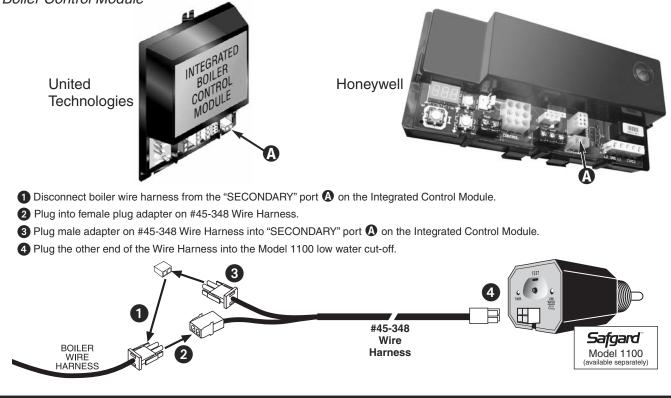
Honeywell

A

1 Disconnect boiler wire harness from the External Limit P3 port **A** on the Integrated Control Module.

2 Plug into female plug adapter on #45-347 Wire Harness.

3 Plug male adapter on #45-347 Wire Harness into External Limit P3 port **A** on the Integrated Control Module.

4 Plug the other end of the Wire Harness into the Model 1100 low water cut-off.

3

4

TEST

POWER   LOW WATER

1

BOILER
WIRE
HARNESS

2

**#45-347
Wire
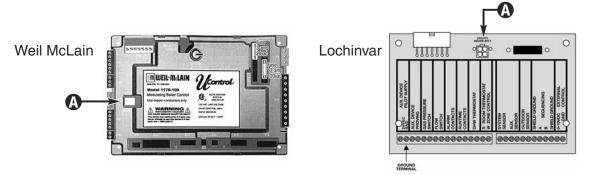Harness**

Safgard
Model 1100
(available separately)

#45-348 Wire Harness

For boilers equipped with United Technologies Integrated Boiler Control Module or Honeywell Integrated Boiler Control Module

United
Technologies

INTEGRATED
BOILER
CONTROL
MODULE

A

Honeywell

A

1 Disconnect boiler wire harness from the "SECONDARY" port **A** on the Integrated Control Module.

2 Plug into female plug adapter on #45-348 Wire Harness.

3 Plug male adapter on #45-348 Wire Harness into "SECONDARY" port **A** on the Integrated Control Module.

4 Plug the other end of the Wire Harness into the Model 1100 low water cut-off.

3

4

TEST

POWER   LOW WATER

1

BOILER
WIRE
HARNESS

2

**#45-348
Wire
Harness**

Safgard
Model 1100
(available separately)

#45-349 Wire Harness

For boilers equipped with Weil McLain "U" Control or Lochinvar Knight and Solution Boilers

Weil McLain

Lochinvar

1 Disconnect boiler wire harness from the "SECONDARY" port **Ⓐ** on the Integrated Control Module.

2 Plug into female plug adapter on #45-348 Wire Harness.

3 Plug the other end of the Wire Harness into the Model 1100 low water cut-off.

#45-349 Wire Harness

Safgard
Model 1100
(available separately)

NOTE: On Lochinvar boilers manufactured before 2007, it may be necessary to ground the Lochinvar low voltage wiring panel for proper operation of the low water cut-off. To do this, connect a wire from the GND terminal on the wiring panel to the green ground screw in the low voltage junction box.

#45-350 Wire Harness

For boilers equipped with LWCO Molex – Burnham Model SCG, PVG and Alpine (refer to Burnham installation instuctions for exact location of jumper)

#45-350 Wire Harness
(available separately)

Safgard
Model 1100
(available separately)

1 Remove the low water cut-off Molex jumper located within the boiler limit wiring and plug in the Safgard Wire Harness.

2 Plug the other end of the Wire Harness into the Model 1100 low water cut-off.

#45-353 Wire Harness

For atmospheric boilers equipped with United Technologies Integrated Boiler Control Module or Honeywell Integrated Boiler Control Module. NOTE: Not for use with induced draft boilers.
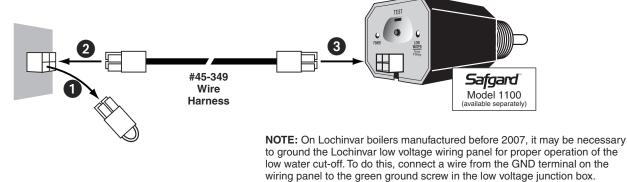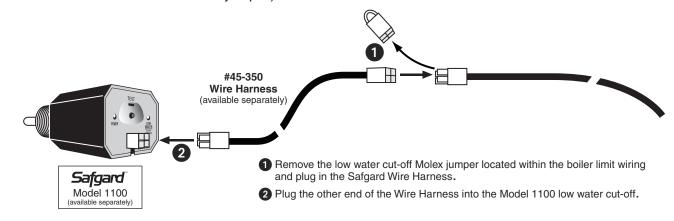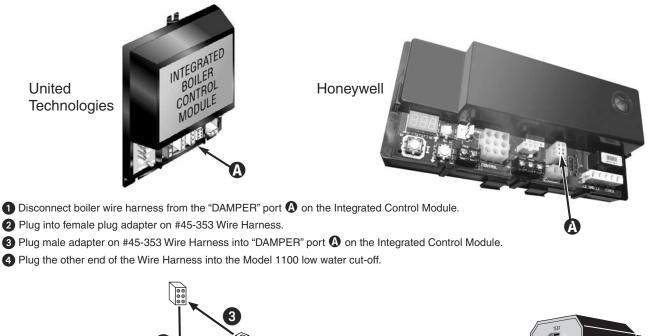
United Technologies

Honeywell

1 Disconnect boiler wire harness from the "DAMPER" port **A** on the Integrated Control Module.

2 Plug into female plug adapter on #45-353 Wire Harness.

3 Plug male adapter on #45-353 Wire Harness into "DAMPER" port **A** on the Integrated Control Module.

4 Plug the other end of the Wire Harness into the Model 1100 low water cut-off.

VENT DAMPER HARNESS

TEST

POWER

LOW WATER

#45-354 Wire Harness

For Weil-McLain CGA, CGI and Williamson GWA, GWI with UTEC integrated control module.

United
Technologies

1 Disconnect boiler wire harness from port **Ⓐ** on the Integrated Control Module.

2 Plug into female plug adapter on #45-354 Wire Harness.

3 Plug male adapter on #45-354 Wire Harness into port **Ⓐ** on the Integrated Control Module.

4 Plug the other end of the Wire Harness into the Model 1100 low water cut-off.

TRANSFORMER
WIRE
HARNESS

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