

Burnham[®]
Independence[®]
Boiler

U.S. by **Boiler Company**



MODEL NUMBER: IN9

02/2015

PART NUMBER: 62210091

SERIAL NUMBER: 65497374

Conforms to:

ANS Z21.13b-2012

CSA 4.9



Intertek
9700609

LOW-PRESS BOILER
120V/60HZ INPUT: LESS THAN 12 AMPS

GAS SUPPLY | MAX 14 "WC

PRESSURE | MIN 4.5 "WC

MAN. PRESS. 3.5 "WC

EQUIPPED FOR USE WITH NAT GAS



MAX INPUT: 280 MBH

MIN INPUT: MBH

HTG. CAP: 231 MBH

NET AHRI RATINGS

WATER: MBH STEAM: 173 MBH

STEAM: 725 SO. ET



Certified by U.S. Boiler Company, Inc.
MAWP, Steam 15 psi
Maximum Water Temp. 250°F

Boiler Model Number	Number of Sections	Jacket Length (Inches)	Minimum relief valve capacity lb/hr
IN3	3	14 - 1/2	51
IN4	4	17 - 3/4	87
IN5	5	21	115
IN6	6	24-1/4	144
IN7	7	27-1/2	173
IN8	8	30-3/4	202
IN9	9	34	231
IN10	10	37-1/4	260
IN11	11	40-1/2	288
IN12	12	43-3/4	318

To determine boiler size, count the number of sections or measure the jacket length.

104448-01

resideo

Golden Valley, MN 55422
Country of Origin: Mexico



WARNING

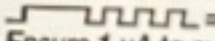
Explosion Hazard.
Can cause serious injury or death.
This device can malfunction if
it gets wet. Never try to use a
device that has been wet - replace it.

S8610U Continuous Retry
24V, 60 Hz; PV=1A Max.; MV=2A Max.

0 Sec. Prepurge
90 Sec. Trial for Ignition
(default setting)

*If module has been used with vent damper,
it will only work with damper connected.

LED FLAME INDICATION:

- 4 sec. pulse then 1 sec. flashes
indicate flame current in μA :
 = 3 μA
- Ensure 1 μA to avoid lockout

LED FLASH CODES:

- (2) retry
- (3) recycle
- (4) flame out of sequence
- (5) damper error
- (6) internal error
- (7) flame rod shorted
- (8) low input voltage

SPARK

SENSE

MV

MV/PV

PV

GND

24V
(GND)

24V

TH-W



DAMPER*



 WARNING

EXPLOSION HAZARD.
Severe Injury or
Death Can Result.

Do not take valve apart.
Do not use tools to
operate valve.
Do not use valve if
it has been flooded.
Call serviceman if valve
does not work properly.

394606 Rev. U

VR8345K4809

REG. 3.5 ADJ. 3.5 RANGE

24V 50/60HZ TOTAL CURRENT .7A
USE CLASS 2 TRANSFORMER

2504D2C7V 71762413

MAIN

100 — 15

75 — 10

50 — 5

25 — 2

14 — 2

kPa PSI

FOR
RESET

Honeywell

PRESSURETROL

The main scaleplate has
an installed SAFETY STOP.
DO NOT ALTER.

DIFF.

15

2

10

1.5

5

1

.5

kPa PSI

MAIN

60

50

40

30

20

10

8

6

4

2

PSI

kPa

PRESSURETRON

well



