

No. 2

Redflash BOILER

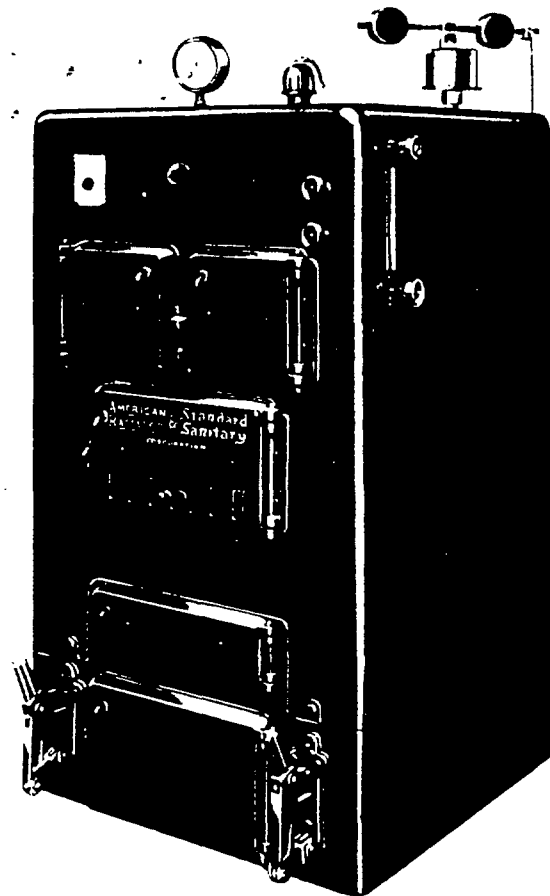
by

AMERICAN-Standard

efficient hot water or steam
heating in larger homes
and other medium to average
size buildings

The Redflash Boiler, built and backed by American-Standard, is a time-tested, popular home heating boiler. The correctly proportioned fire box, effective heating surface, long flue travel and other outstanding features, identified in the cutaway view shown on the reverse side of this sheet, explain its overall efficiency.

The Redflash, in the attractive Forge Red jacket just perfected by American-Standard, is made in models and sizes to meet a wide range of heating requirements. The No. 2 Redflash is featured here. Ask your Heating Contractor about the No. 3, 4 and 5 models for installations where greater capacities are needed.



► for coal (hand fired)

► durable cast iron construction

AMERICAN-Standard

First in heating . . . first in plumbing

PLAINTIFF'S
EXHIBIT

tabbies

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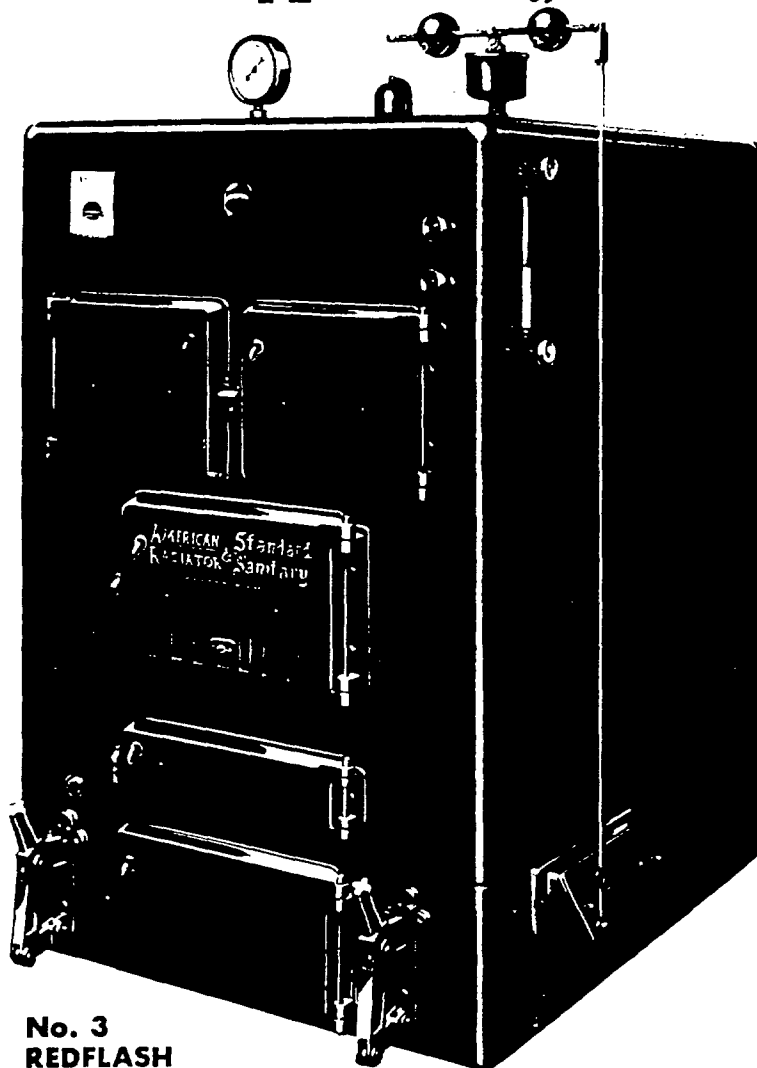
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No. 3, 4 and 5

Redflash BOILERS

by

AMERICAN-Standard



**No. 3
REDFLASH**

▶ for all fuels

▶ durable cast iron construction

AMERICAN-Standard

First in heating ... first in plumbing

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GENEROUS HEAT AT LOW FUEL COST

A distinct advantage is offered in the durable cast iron construction of the Redflash, the heat absorbing surfaces of which are cast to the shape best suited to rapid heat transfer. Note the large fuel-holding capacity of the fire box that insures generous, even heat with minimum attention. The water-backed combustion chamber and long boiler flue travel for hot gases guarantee highest utilization of the heat.

There is no waste of fuel in the Redflash. Its external surface is insulated to prevent excessive heat loss. All contacting surfaces of doors and sections are smoothly ground that no air can filter through. These features, and others listed below, all reflect the superior workmanship and fine performance of Redflash Boilers, combining to offer a lifetime of efficient, economical heating comfort.

CONSTRUCTION FEATURES

SUPERIOR ACCESSORIES provided on all boilers.

BLOW-OFF TAPPING for internal cleaning, conveniently located in front.

LARGE FLUE DOORS make it easy to clean remote flue pipes. Curved cast iron baffle linings protect doors from heat and assist easy, rapid gas travel.

CAREFULLY DESIGNED AND FITTED HINGE PLATES assure perfect fit of doors.

LARGE, STURDY FIRE DOORS with special cast iron protective baffle linings.

LONG FLUE TRAVEL for hot gases insures high operating economy.

LARGE FIRE BOX scientifically proportioned for proper burning. Abundant coal-carrying capacity reduces fueling attention to a minimum.

SHAKING MECHANISM, easily operated, durable. Shaker handle does away with stooping.



FLOW TAPPINGS of correct size and location for easy connection to piping.

LARGE STEAM RELEASING area insures dry steam.

METAL JACKET in new Forge Red finish is hard and unusually resistant to scratches and marring.

ALL CONTACT SURFACES of doors and sections machine ground to smooth finish to prevent air leakage.

THICK INSULATION saves fuel by reducing heat loss and prevents overheating of the basement.

GRATES are reinforced trussed construction, extra strong. Special grate bar equipment can be supplied to permit use of buckwheat or pea coal.

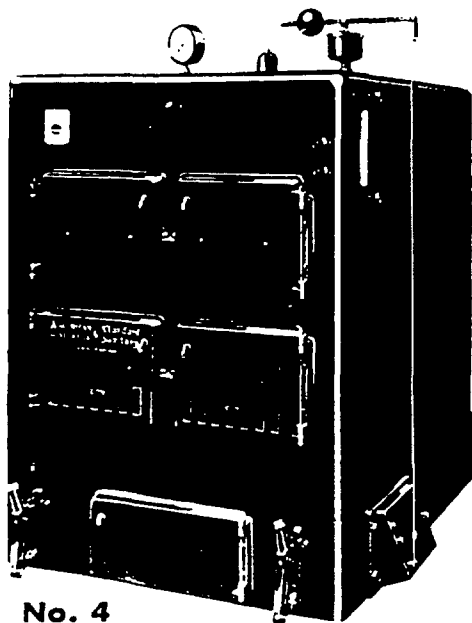
ASHPIT of ample proportions for easy caretaking.

CAREFULLY BALANCED primary draft damper located at side.

Sensitive Arco Automatic Damper Regulator for combustion control, saving fuel and attention. Provided on all hand fired steam boilers; on water boilers at slight extra cost.

Two-way smokehood, on hand fired coal models, with choke and check dampers permits choice of vertical or horizontal chimney connection. Smoke collar provided on oil and stoker models.

Dependable, Efficient Performance



**No. 4
REDFLASH**

The colorful jacket and clean performance of the Redflash encourage owners to reclaim waste basement area for useful space.

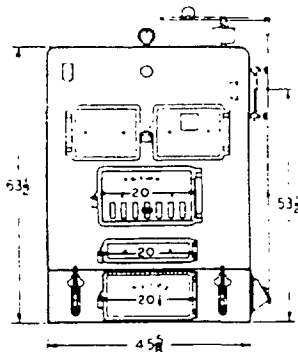


**No. 5
REDFLASH**

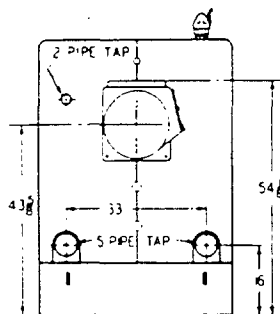
The Redflash — now in the Forge Red Finish — is America's most popular square jacketed cast iron heating boiler.

Dimensions, Outlets, Inlets

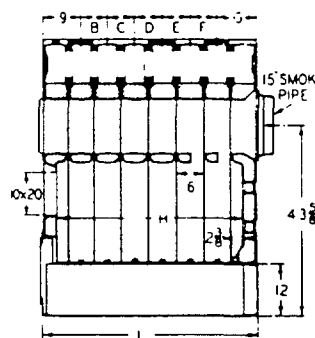
No. 3 REDFLASH BOILER



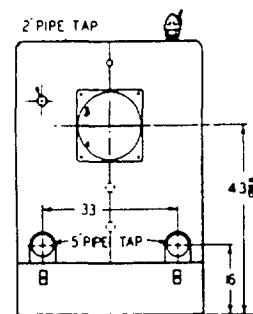
Front View—Hand Fired



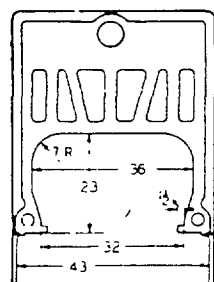
Back View—Hand Fired
Showing Smoke Hood



Cutaway Through Boiler
Sections—Oil Fired



Back View—Oil and Stoker
Fired, Showing Smoke Collar



Center Section

TAPPED 2" FOR EXTERNAL WATER HEATER

Boiler Number		Outlets Number and Size	Inlets Number and Size	Dimensions—Inches							
Steam	Water			B	C	D	E	F	G	H	L**
3-S-6*	3-W-6*	2-4"	2-5"	18					9	29 3/4	36
3-S-7*	3-W-7*	3-4"	2-5"	12	12				9	35 3/4	42
3-S-8*	3-W-8*	3-4"	2-5"	18	12				9	41 3/4	48
3-S-9	3-W-9	4-4"	2-5"	12	12	12			9	47 3/4	54
3-S-10	3-W-10	4-4"	2-5"	12	12	12			15	53 3/4	60
3-S-11	3-W-11	4-4"	2-5"	12	18	18			9	59 3/4	66
3-S-12	3-W-12	5-4"	2-5"	18	12	12	12		9	65 3/4	72
3-S-13	3-W-13	5-4"	2-5"	18	18	12	12		9	71 3/4	78
3-S-14†	3-W-14†	6-4"	2-5"	12	12	18	12	12	9	77 3/4	84

*Coal, hand fired only.

**Oil Fired (3-S or W-14-O) and Stoker (3-SC or WC-14) only.

†On Hand Fired add 21" to length for Smoke Hood. On Oil and Stoker Fired add 3 3/4" for Smoke Collar.

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