**IN-AIRID The Invisible Air Valve**

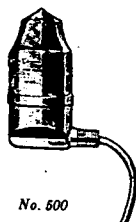
The IN-AIRID No. 1 is a new type automatic air valve especially designed to prevent the short circuiting of steam in new water type radiation. The IN-AIRID screws into the top plug opening in the vent end of the radiator and its baffle disc completely blocks off the opening to the last section. The operation of IN-AIRID is based on the same well known principle of the thermostatically charged float used so successfully in the famous Aird No. 500.

The IN-AIRID No. 2 is for "below atmosphere" jobs. It has all the venting features of the No. 1, plus the vacuum seal with hand lapped monel disc and seat. It allows the air to escape but prevents its return into the system.

**AIRID AIR VALVES**

The Aird No. 500 should be installed only on old style radiation which has nipple connections only at the bottom. On new type radiation with nipple connections at the top use the IN-AIRID.

Vac-Aird No. 510 is for "below atmosphere" jobs on old style radiation. It is designed to allow the air to escape but prevents its return into the system.



No. 500



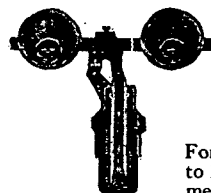
No. 510

**ARCO REGULATORS**

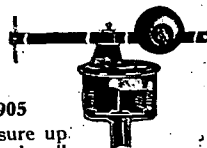
Arco Water Regulator No. 800 is for damper control on hot water heating boilers, adjustable for temperature between 100 deg. and 220 deg.—all metal—length of bulb, 2½ inches; connection, 2 inches.

**ARCO STEAM REGULATOR NO. 905**

For damper control on steam boilers—pressure up to 15 lbs. Connection 1 inch I.P.S. male thread—all metal—trimmings furnished.



No. 800



No. 905

**IDEAL QUICK VENT NO. 815**

All metal for venting mains, long runs of pipe, indirect stacks, drop risers, etc. Very sensitive. No. 815, ¾ in.; No. 820, ½ in.

**IDEAL FLOAT QUICK VENT NO. 821**

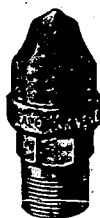
For free venting mains, indirect stacks, vento, etc. Closes against water. No. 821, ¾ in.

**VAC-VENT NO. 822**

For vacuum heating, No. 822 Vac-Vent is self-sealing against the return of air. No. 822, ¾ in.



No. 815



No. 815

**American Radiator Company**

IDEAL GAS BOILERS

Distributor

American Gas Products Corporation

376 Lafayette Street, New York

**Ideal Gas Boilers**

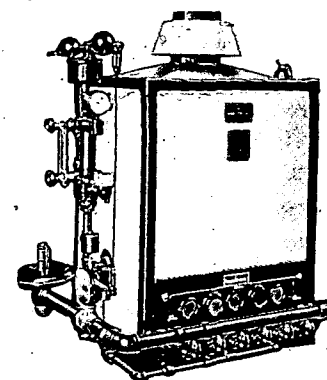
for house-heating, domestic hot-water supply and general industrial use

A complete line of durable cast-iron boilers specially designed to burn gas at the highest possible efficiency. They are supplied with complete automatic control equipment for steam, vapor or water heating systems, including thermostatic pilot and low water cut-out.

Ideal Gas Boilers are produced complete—from castings to control valves—by one company, making it possible to maintain a single high standard of quality with a single manufacturing profit.

The heavily insulated jackets are attractive to the eye, easily kept clean and absolutely impervious to corrosion. All metal parts, such as diverters, canopies and trimmings are given a lustrous porcelain finish applied at high temperatures in our own enamelling ovens.

A. G. A. Approved; recommended by leading gas companies and accepted as standard by architects, heating contractors and engineers. Will heat anything from a three room cottage to the largest buildings.



Ideal Type 4G Gas Boiler

**RATINGS—DIMENSIONS**

| A G A RATINGS |             |         |               | DIMENSIONS |                 |                |                                      |                             |                          |            |                                        |           |           |                                    |                |
|---------------|-------------|---------|---------------|------------|-----------------|----------------|--------------------------------------|-----------------------------|--------------------------|------------|----------------------------------------|-----------|-----------|------------------------------------|----------------|
| Boiler No.    | Steam Water |         | Output B.t.u. | Boiler Hp. | No. of Sections | No. of Burners | No. and Size of Gas Supply Lines In. | Size of Burner Manifold In. | No. and Size of Tappings |            | No. and Size of Flue Conner. Diam. In. | Width In. | Depth In. | Overall Height Incl. Diverters In. | Water Line In. |
|               | Sq. Ft.     | Sq. Ft. |               |            |                 |                |                                      |                             | Supply In.               | Return In. |                                        |           |           |                                    |                |
| 0-C-4         | 270         | 435     | 64,000        | 1.9        | 4               | 3              | 1-1                                  | 1                           | 1-2½                     | 1-2½       | 1-5                                    | 18½       | 13¾       | 54                                 | 32             |
| 0-C-5         | 340         | 545     | 81,000        | 2.4        | 5               | 3              | 1-1                                  | 1                           | 1-2½                     | 1-2½       | 1-5                                    | 18½       | 16½       | 54                                 | 32             |
| 0-C-6         | 410         | 655     | 98,200        | 2.9        | 6               | 3              | 1-1                                  | 1                           | 1-2½                     | 1-2½       | 1-6                                    | 18½       | 19½       | 55                                 | 32             |
| 0-C-7         | 480         | 765     | 115,200       | 3.4        | 7               | 3              | 1-1                                  | 1                           | 1-2½                     | 1-2½       | 1-6                                    | 18½       | 22½       | 55                                 | 32             |
| 1-C-4         | 550         | 880     | 132,000       | 3.9        | 4               | 3              | 1-1½                                 | 1½                          | 2-4                      | 2-4        | 1-6                                    | 18½       | 24½       | 52½                                | 30             |
| 1-C-5         | 710         | 1130    | 170,000       | 5.1        | 5               | 4              | 1-1½                                 | 1½                          | 2-4                      | 2-4        | 1-7                                    | 22½       | 24½       | 52½                                | 30             |
| 1-C-6         | 870         | 1390    | 208,000       | 6.2        | 6               | 5              | 1-1½                                 | 1½                          | 2-4                      | 2-4        | 1-8                                    | 26½       | 24½       | 53                                 | 30             |
| 1-C-7         | 1025        | 1640    | 246,000       | 7.3        | 7               | 6              | 1-1½                                 | 1½                          | 2-4                      | 2-4        | 1-8                                    | 30½       | 24½       | 53½                                | 30             |
| 1-C-8         | 1185        | 1890    | 284,000       | 8.5        | 8               | 7              | 1-1½                                 | 1½                          | 2-4                      | 2-4        | 1-8                                    | 34½       | 24½       | 54½                                | 30             |
| 1-C-9         | 1340        | 2150    | 322,000       | 9.6        | 9               | 8              | 1-1½                                 | 1½                          | 2-4                      | 2-4        | 1-9                                    | 38½       | 24½       | 57½                                | 30             |
| 1-C-10        | 1500        | 2400    | 360,000       | 10.7       | 10              | 9              | 1-2                                  | 1½                          | 2-4                      | 2-4        | 1-9                                    | 42½       | 24½       | 58½                                | 30             |
| 1-C-11        | 1660        | 2650    | 398,000       | 11.9       | 11              | 10             | 1-2                                  | 1½                          | 2-4                      | 2-4        | 1-10                                   | 46½       | 24½       | 58½                                | 30             |
| 4-G-6         | 2000        | 3200    | 480,000       | 14.3       | 6               | 5              | 1-2                                  | 2                           | 1-6                      | 1-5        | 1-11                                   | 27        | 41½       | 69                                 | 43             |
| 4-G-7         | 2400        | 3840    | 576,000       | 17.2       | 7               | 6              | 1-2                                  | 2                           | 1-6                      | 1-5        | 1-11                                   | 31        | 41½       | 69½                                | 43             |
| 4-G-8         | 2800        | 4480    | 672,000       | 20.0       | 8               | 7              | 1-2                                  | 2                           | 1-6                      | 1-5        | 1-12                                   | 35        | 41½       | 70½                                | 43             |
| 4-G-9         | 3200        | 5120    | 768,000       | 22.9       | 9               | 8              | 1-2½                                 | 2                           | 1-6                      | 1-5        | 1-12                                   | 39        | 41½       | 71                                 | 43             |
| 4-G-10        | 3600        | 5760    | 864,000       | 25.8       | 10              | 9              | 1-2½                                 | 2                           | 1-6                      | 1-5        | 1-13                                   | 43        | 41½       | 73                                 | 43             |
| 4-G-11        | 4000        | 6400    | 960,000       | 28.6       | 11              | 10             | 1-2½                                 | 2                           | 1-6                      | 1-5        | 1-14                                   | 47        | 41½       | 73½                                | 43             |
| 4-G-13        | 4800        | 7680    | 1,152,000     | 34.4       | 13              | 12             | 1-2½                                 | 2½                          | 2-6                      | 1-5        | 2-11                                   | 61        | 41½       | 69                                 | 43             |
| 4-G-15        | 5600        | 8960    | 1,344,000     | 40.0       | 15              | 14             | 1-2½                                 | 2½                          | 2-6                      | 1-5        | 2-12                                   | 69        | 41½       | 70½                                | 43             |
| 4-G-17        | 6400        | 10240   | 1,536,000     | 45.8       | 17              | 16             | 1-3                                  | 2½                          | 2-6                      | 1-5        | 2-12                                   | 77        | 41½       | 71                                 | 43             |
| 4-G-19        | 7200        | 11520   | 1,728,000     | 51.6       | 19              | 18             | 1-3                                  | 2½                          | 2-6                      | 1-5        | 2-13                                   | 85        | 41½       | 73                                 | 43             |
| 4-G-21        | 8000        | 12800   | 1,920,000     | 57.2       | 21              | 20             | 1-3                                  | 2½                          | 2-6                      | 1-5        | 2-14                                   | 93        | 41½       | 73½                                | 43             |
| 4-G-22        | 8400        | 13440   | 2,016,000     | 60.0       | 22              | 21             | 1-3                                  | 2½                          | 2-6                      | 1-5        | 2-14                                   | 101       | 41½       | 73½                                | 43             |
| 4-G-25        | 9600        | 15360   | 2,304,000     | 68.7       | 25              | 24             | 2-2½                                 | 2½                          | 4-6                      | 2-5        | 3-12                                   | 115       | 41½       | 71                                 | 43             |
| 4-G-28        | 10800       | 17280   | 2,592,000     | 77.4       | 28              | 27             | 2-2½                                 | 2½                          | 4-6                      | 2-5        | 3-13                                   | 127       | 41½       | 73                                 | 43             |
| 4-G-31        | 12000       | 19200   | 2,880,000     | 85.8       | 31              | 30             | 2-3                                  | 2½                          | 4-6                      | 2-5        | 3-14                                   | 139       | 41½       | 73½                                | 43             |
| 4-G-33        | 12800       | 20480   | 3,072,000     | 91.6       | 33              | 32             | 2-3                                  | 2½                          | 4-6                      | 3-5        | 4-12                                   | 153       | 41½       | 71                                 | 43             |
| 4-G-37        | 14400       | 23040   | 3,456,000     | 103.2      | 37              | 36             | 2-3                                  | 2½                          | 4-6                      | 3-5        | 4-13                                   | 169       | 41½       | 73                                 | 43             |
| 4-G-41        | 16000       | 25600   | 3,840,000     | 114.4      | 41              | 40             | 2-3                                  | 2½                          | 4-6                      | 3-5        | 4-14                                   | 185       | 41½       | 73½                                | 43             |

N. B. When specified, additional tappings available; 4-G-6 to 4-G-11=1-6 in. supply and 1-5 in. return.

N. B. When specified, additional tappings available, 4-G-13 to 4-G-41=2-6 in. supply and 2-5 in. return.