

IDEAL "KOLFLASH" Coal-burning Water Heater

The firepot of the Kolflash Heater is made of cast iron with a one-inch non-heat-conducting refractory lining. Under ordinary operating conditions the temperature of the smooth, enameled and non-water-backed exterior of the firepot is no higher than the temperature of the water in the tank.

This lining not only contributes to the efficiency of the heater, but also provides for a quick pick-up capacity. For the lining retains the heat of the fire, and after a shaking-down and the addition of more fuel, the new charge of coal quickly ignites. The radiant heat of the glowing coals plays directly on the broad bottomed, water-backed surface of the tank, and the heated water rises, extracting increasing amounts of heat from the gases in the central flue.

The Ideal Kolflash Heater has been designed with deep firepot especially to provide for long firing periods.



Specifications

Large combustion chamber insures minimum attention.

For ordinary household demands this heater need be fired but twice a day.

One inch, non-heat-conducting refractory lining in firepot, prevents heat loss and insures quick pick-up heating capacity.

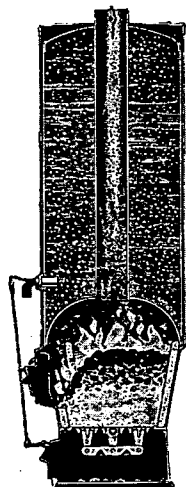
Water-surrounded flue insures maximum absorption of heat from the gases.

Extra-heavy shell insures durable service.

Arco Automatic Regulator keeps water at right temperature.

Flexible, sturdy grating especially designed for easy caretaking.

Outside jacket finished in beautiful French pearl gray. Base and top finished in beautiful green porcelain enamel.



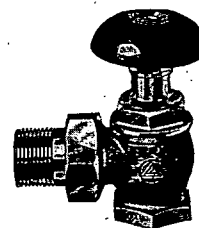
AMERICAN RADIATOR COMPANY

General Sales and Eastern Executive Office
40 West 40th Street, New York.

Western Executive Office and Accessories Division
816 South Michigan Avenue, CHICAGO, ILLINOIS

Manufacturers of Ideal Boilers, American Corto Radiators, and other Heating, Ventilating, and Refrigerating Products

PACKLESS VALVE

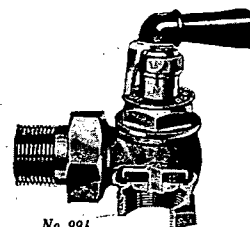


No. 999

Arco Packless No. 999—leak-proof—does not require repacking. Does not stick or bind—opens with one smooth turn of special composition handle never gets hot. Furnished in either round or

lever handle—made in angle, corner and globe patterns for steam, water, vapor or vacuum.

Arco Fractional Control Type No. 994



No. 994

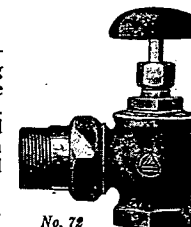
Same as the No. 999 Packless with dial equipment and calibrating cone on disc.

PACKED VALVES

Detroit Steam Valves

Metal well distributed—strong and heavy where strength is needed. Regularly equipped with composition handle, black hard rubber finish.

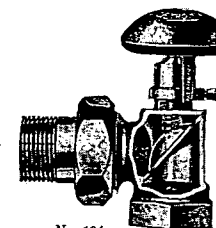
No. 72 Angle, No. 32 R. H. Corner, No. 37 L. H. Corner, No. 57 Globe, No. 373 Gate.



No. 72

Detroit Equalizing Hot Water Valve No. 104

Opens and closes smoothly—never sticks or binds. The narrow edge of the plate presents a small area of contact so that corrosion is easily broken away.



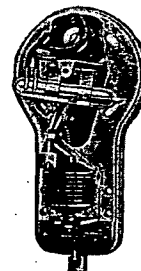
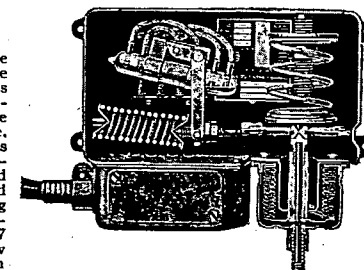
No. 104

Made in angle pattern only—Lever handle No. 105.

MERCOID CONTROLS

PATENTS PENDING

All Mercoid Controls employ the Mercoid Switch which carries the full line current at 110 or 220 volts without arcing or corrosion of contacts. Mercoid instruments give automatic control of temperature, pressure or vacuum. The various models provide a wide field of application. The No. 845 Mercoid Thermostat is especially adapted for use with Unit Heaters—starting or stopping the fan as the air temperature changes. The No. 847 Arco Motor Valve, for high or low pressure steam, water, air, etc., can be used with any Mercoid Control. Write for full details of this complete line.

No. 845
ThermostatNo. 848 Type
For temperature, pressure, or vacuum