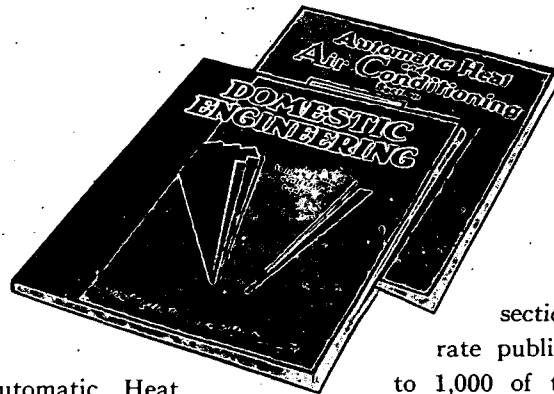


Domestic Engineering

1900 Prairie Avenue

Chicago



THE Automatic Heat and Air Conditioning Section of DOMESTIC ENGINEERING has had an unusually interesting career. Starting in 1931 with a few articles, it developed into a department, and, as its importance increased, it grew into a special section.

Later, requests came from advertisers to send reprints of this section to lists of their special dealers, which included exclusive oil burner dealers, coal stoker dealers; dealers in air conditioning equipment, gas fired boiler dealers, and to other dealers outside of the regular heating trade.

The first distribution of this

section as a separate publication went to 1,000 of these special dealers. Later other advertisers, realizing the importance of this separate distribution, which is in addition to the regular distribution as part of DOMESTIC ENGINEERING, added their lists of special dealers.

At the present time, in addition to its more than 15,000 circulation in DOMESTIC ENGINEERING, it goes to over 9,000 special dealers in automatic heating and air conditioning equipment every month, giving advertisers in the section blanket coverage of their market. This gives advertisers a blanket coverage of over 24,000 at the lowest available cost per thousand.

BURKS
SUPER-TURBINE
PUMPS
Only one moving part

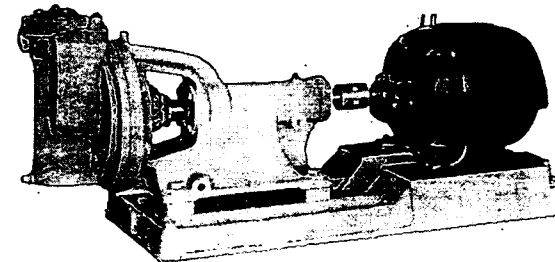
Decatur Pump Company

Decatur, Ill.

BURKS
SUPER-TURBINE
PUMPS
Only one moving part

BURKS SUPER TURBINE PUMPS AND WATER SYSTEMS

Self Priming High Head Units



Burks Self Priming Centrifugal Pumps

High Efficiency.
Open-Impeller Type.
Self Priming Centrifugal Pumps that are DIFFERENT!

Capacities to
400 G.P.M.

Built up to an
Engineering Ideal.

BURKS CONDENSATION RETURN UNITS

Will Not Steambind!

Ability to pump air alone, or air mixed with water, to the full pressure rating of the pump, means that the Burks pump will not steambind. Pump capacities range from 150 gph to 1,000 gph against boiler pressures up to 100 lbs. per square inch, and will take care of up to 12,000 sq. ft., of radiation per unit.

Hydraulically Balanced

These pumps are hydraulically balanced and cannot be made to pound or hammer under any condition of operation.

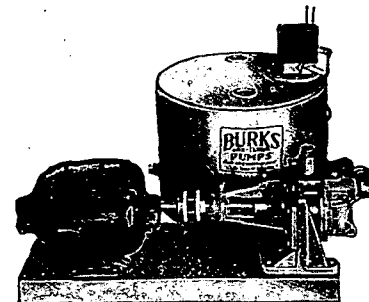
Construction Features

Only one moving part—the impeller—and this one part does not contact with metal at any stage of operation.

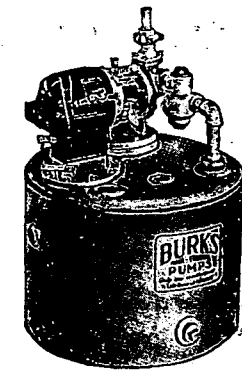
Self-priming and fully automatic. Impeller and raceway of cast bronze.

Shaft of stainless, non-corroding steel, impervious to mild acids, and carried in oversize ball bearings.

Tank of copper-bearing steel, 3/16-in. shell; 1/4-in. top and bottom, welded construction.



Series 41100
Condensation Return Unit



Series 4700
Condensation Return Unit

A SATISFACTORY CONDENSATION RETURN UNIT TO INSTALL