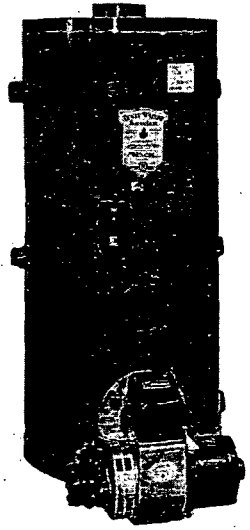
The Dewey-Shepard Boiler Co.

Sales Office: 1311 N. Capitol Avenue, Indianapolis, Ind.

STEEL FIRE TUBE BOILERS & HEATERS
GAS & OIL FIRED

VERTICAL FIRE TUBE UNITS capacities 95,000 to 1,000,000 Btu
***ASME* CODE CONSTRUCTED**
NATIONAL BOARD REGISTRATION AVAILABLE

All Dewey-Shepard boilers and water heaters (oil and gas fired) are built on the patented "Tube within a Tube" principle. All units are jacketed with fiber-glass insulation ready for instant hook-up.



- Oil Burners *Underwriters* Approved.
- Gas Burners *A.G.A.* Listed.
- Boilers Automatically Welded.
- Built-in Coils Optional.

NET RATING

Model	*Water, Sq Ft	Steam, Sq Ft
B	560	350
C	756	470
D	840	520
E	1120	700
F	1400	875
G	1540	965
H	1960	1230
I	2120	1330
J	2750	1720
K	3000	1895
L	4480	2800
M	5960	3730

Boiler ratings do not include allowance for Built-in Coils.
* If piping and pick-up loss exceeds 20 percent of installed radiation, allow for such added loss.

OIL and GAS BOILERS and WATER HEATERS

Dewey-Shepard's patented "Tube within a Tube" principle gives you 80 per cent or more heat absorption, resulting in pre-heating the incoming cold water before it comes in contact with the metal surfaces to which radiant heat is being applied. There is one square foot of heating surface for every gallon of water, transferring every possible unit of heat to the water, resulting in EFFICIENT, ECONOMICAL OPERATION . . . plus many other advantages for your customers, such as:

●LESS FUEL USED●LOWER INSTALLATION COST●NO LIME—NO SCALE● 20 PER CENT LESS HEAT LOSS THROUGH THE STACK●NO EXPANSION, CONTRACTION OR CONDENSATION● CLEANEST HEAT POSSIBLE● SUFFICIENT HOT WATER AT ALL TIMES

DEWEY-SHEPARD'S NEW OIL and GAS FIRED "COUNTER FLOW" BOILER

Designed for use with Baseboard Radiation, Copper Convectors, and Radiant Panel with forced circulation and small pipe sizes.

SPECIFICATIONS COUNTER-FLOW

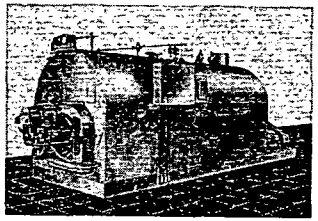
Output Net Btu	Size	Weight
Model A Oil 90,000	19 in. x 19 in. x 31 in.	400 lb
Model A Gas 80,000	20 in. x 20 in. x 34 in.	275 lb
Model B Oil 135,000	19 in. x 19 in. x 38 in.	450 lb

Dutton Boilers

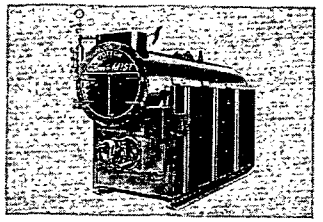
Division Hapman-Dutton Co.

639 Gibson Street, Kalamazoo, Michigan

Four types, many sizes . . . From 5 hp up . . . Firing with gas, light or heavy oil, stoker coal or by hand . . . For processing, power, high and low pressure steam and hot water heating . . . For Industrial Plants, Dairies, Laundry and Dry-Cleaning Plants, Chemical and Food Processing, Hotels, Schools, Institutions, etc.



Off-Center Firing With EconoTherm "Packaged" Models—Gas or Oil or Combination Gas-Oil.



Multiple Convertible Firing With The EconoMist "Packaged" Models.

EconoTherm Models are automatic, self-contained, "packaged" units with full safety controls. Of 3-pass fire-tube design, they feature a modified Scotch Internal Furnace located off-center. This firing creates rotary water circulation, resulting in more uniform water temperature, fast steaming, steady water line at all times, and high quality dry steam. Higher water column above furnace adds extra safety, efficiency.

Rotary combustion, large steam storage space, and five or more square feet of heating surface per rated hp combine to deliver guaranteed 80 per cent efficiency with dryness rating of 99 plus 0/0 dry steam under proper operating conditions.

Induced draft or forced draft fan available for positive, fast firing. Only a vent pipe is needed—no chimney or stack. Boiler shell is welded in one piece, X-ray inspected; complies with all *ASME* requirements. Every unit gets full running test. Certified *ASME* Data Report furnished.

EconoMist Models are automatic, "packaged" boilers featuring multiple convertible firing. They can be equipped for firing by hand, stoker, light oil, heavy oil, or gas, singly or in combinations. Can also be fired with by-products such as wood chips, sugar cane, corn husks, waste gas, etc.

EconoMist Models give you the dependability and simplicity of operation of H.R.T. design, plus greater combustion space, less heat loss. Installation, operation and maintenance costs are low. Welded boiler shell is X-ray inspected; complies with all *ASME* requirements.

Sizes from 15 to 105 hp are available as "packaged" units ready to connect or as basic units less refractory lining and accessories. Can be equipped with induced draft fan to eliminate need for stack or chimney. Conversion from one type of fuel to another is simple and inexpensive. Each unit is fully tested and certified *ASME* Data Report furnished when shipped as a packaged unit.

ECONOTHERM—RATINGS AND CAPACITIES

Equivalent Hp	20	25	30	40	50	70	80	100
Sq ft Water Heat. Surf.	112	125	151	201	300	356	400	510
Lbs Steam per Hr	700	773	1035	1726	2070	2450	2760	3754
Equivalent Hp	125	150	180	200	250	300	350	400
Sq ft Water Heat. Surf.	650	814	905	1000	1252	1500	1750	2000
Lbs Steam per Hr	4485	5617	6210	6900	8639	10,350	12,000	13,800

WRITE DIRECT OR CONTACT YOUR DUTTON REPRESENTATIVE FOR COMPLETE, DETAILED SPECIFICATIONS AND DATA DESCRIBING THESE AND OTHER DUTTON BOILERS.