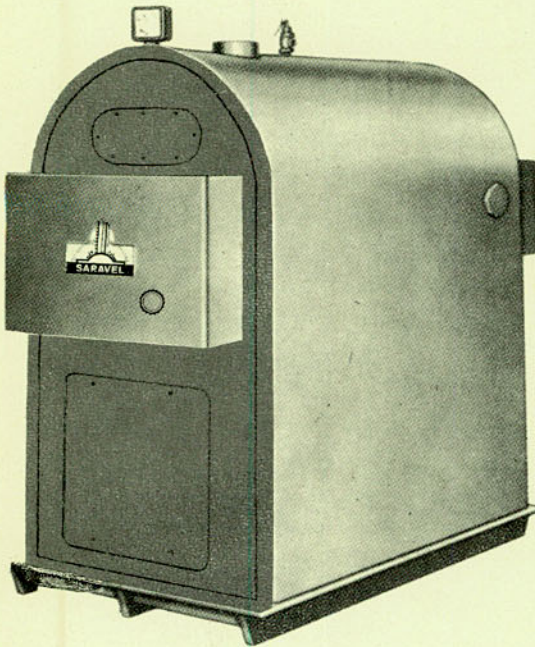




LOW PRESSURE STEAM OR HOT WATER PACKAGE GENERATOR

12 SERIES

Gas-Fired



COMPARE THESE DESIGN FEATURES:

- Smooth Quiet Operation
- 80% Combustion Efficiency
- Minimum Electrical Requirements
- Compact Package
- No Refractory
- Easy Access For Maintenance
- Replaceable Fire tube

BOILER Counterflow 2-pass horizontal fire tube design with heat extracting flue baffles. Direct radiant heat transfer to ample primary heating surfaces.

Exceptionally compact, with rapid response. High heat transfer rate and low exit gas temperatures.

Rapid heat transfer and low stand by loss provides very economical year around source for domestic hot water with built-in coils. The domestic hot water generation instantaneous — as cold water enters a long loop of copper tubes with integral fins its temperature rises to 140°F for domestic consumption.

GAS BURNER — Factory-mounted in boiler-base section.

The Saravel 12 Series packaged generators, utilizing a specially Conversion type burner, are exceptionally quiet in operation, providing an economical, uncomplicated source of steam or hot water heat.

Burner-base assembly with controlled, compartmented primary and secondary air distribution provides a short-radiant highly efficient gas flame.

Attractive, heavy gauge steel casing encloses insulated boiler and gas controls. Provides easy access with functional design.

Low draft loss permits minimum stack requirements for maximum output capacities.

FEATURES

INSULATION — Thick glass fiber blanket type.

STEAM TRIMMINGS — steam gauge, syphon and cock, safety valve per ASME code, gauge glass, steam pressure controls (operating and safety) and a low water cutoff.

WATER TRIMMINGS — combination altitude gauge and thermometer, water relief valve, water temperature control.

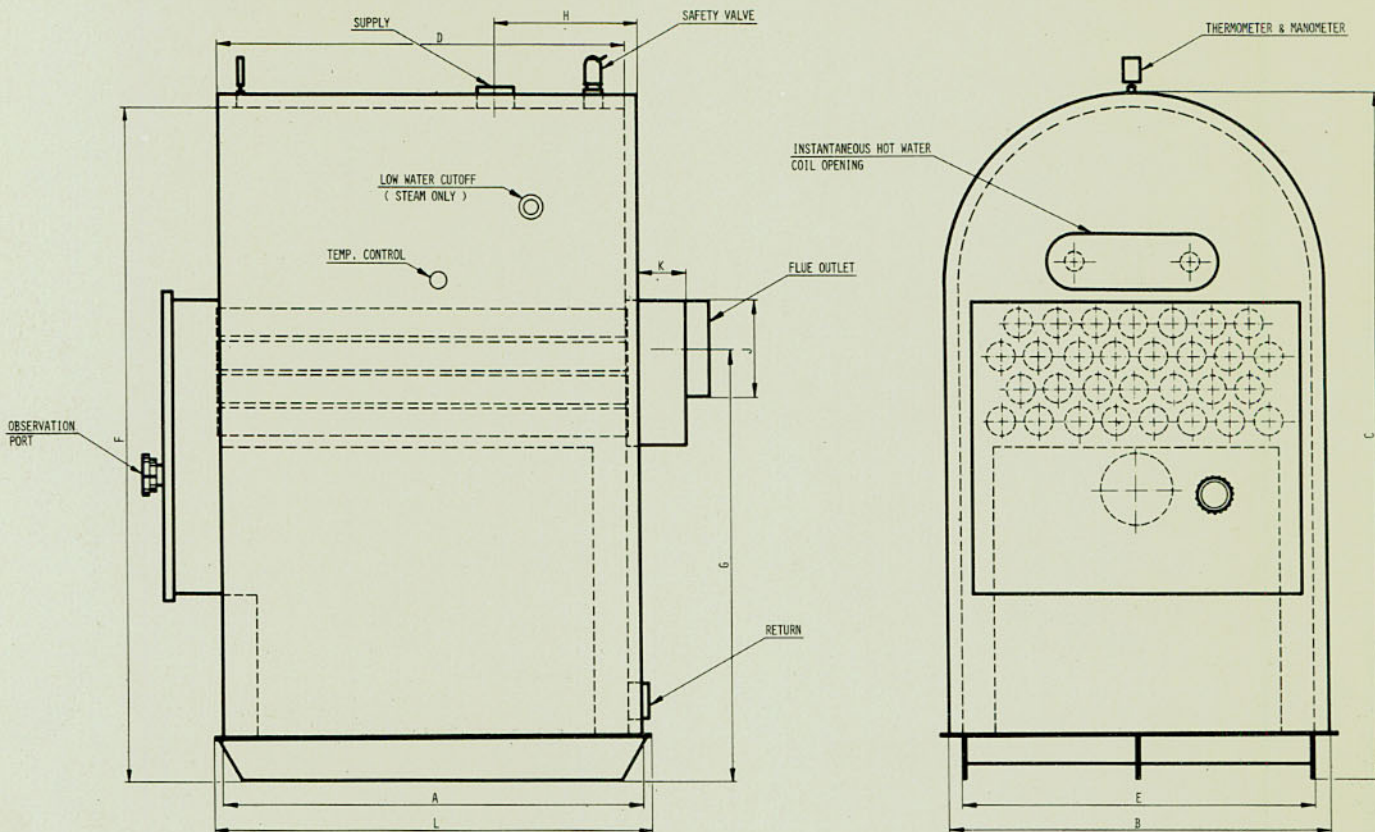
ASSEMBLY — Boiler, jacket, burner-base and controls shipped in individual packages for maximum protection and economy for shipping and storage space.

SARAVEL MANUFACTURING CO.

Villa — Damghan No. 6 Teheran: Tel. 820171, 820172
Cable: 1444



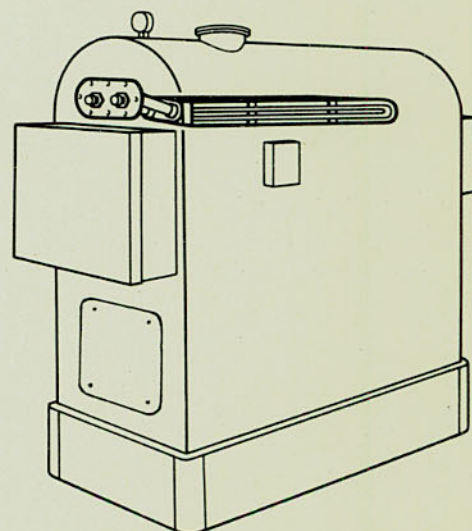
12 SERIES PACKAGE GENERATORS



CAPACITY AND DIMENSION TABLE

MODEL NO.	12-120	12-150	12-198	12-252	12-324
STEAM OR HOT WATER M.B.T.U.	120	150	198	252	324
A. BOILER LENGTH	660	660	660	780	780
B. BOILER WIDTH	600	600	600	700	700
C. BOILER HEIGHT	850	950	1050	1250	1250
D. BARE BOILER LENGTH	720	720	720	840	840
E. BASE BOILER WIDTH	550	550	550	650	650
F. BARE BOILER HEIGHT	825	925	1025	1225	1225
G. FLUE OUTLET HEIGHT	440	580	750	810	880
H. SUPPLY OUTLET TO REAR	300	300	300	320	320
J. FLUE OUTLET DIAMETER	150	150	200	200	200
K. SMOKEBOX OVERALL	100	100	100	100	100
L. BASE LENGTH	68	68	68	800	800
SUPPLY	3"	3"	3"	4"	4"
RETURN	2½"	2½"	2½"	3"	3"
SHIPPING WEIGHT APPROX Kg.	300	310	320	350	390

ALL DIMENSIONS IN MM EXCEPT MENTIONED. SUBJECT TO CHANGE WITHOUT NOTICE
ROUGHING IN DIMENSIONS



12 Series Instantaneous Hot water coil shown

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