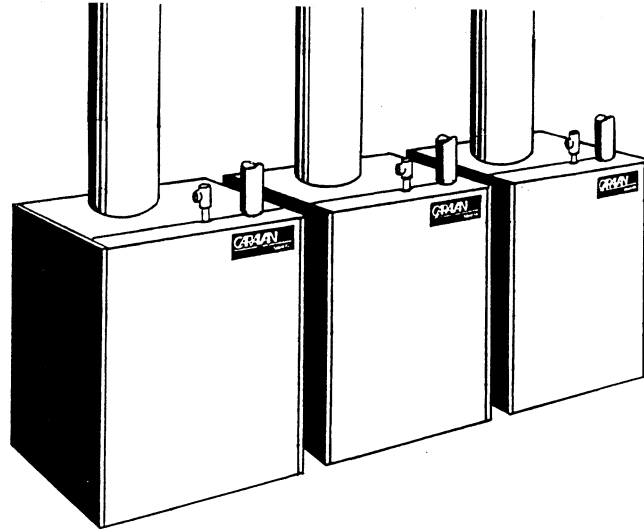


# Slant/Fin®

# CARAVAN® Modular Boiler Submittal Data

## GXHT SERIES—Gas-fired/Steam

A Caravan modular boiler system consists of two or more compact cast-iron boilers that offer significant advantages in terms of installed cost, efficiency and reliability. Caravan systems are based on step-firing just enough modules to meet heating demands. GXHT systems are available in 380,000 to multi-million Btuh gross input. For additional information, see Caravan Engineering Manual, pub. C-30.



### Standard Equipment

**One per module unless otherwise noted**

Pre-assembled cast-iron heat exchanger with insulated jacket.

Base.

Flue Collector.

Gas burners, gas orifices and manifold assembly.

Combination gas valve including manual shutoff and pressure regulator.

Pilot adjustment and automatic pilot-thermocouple safety.

System pressure gauge and siphon (unmounted, one per system).

Module pressure gauge and siphon (unmounted).

Module pressure gauge and siphon (unmounted).

Module pressure relief valve (ASME)

(unmounted). 15 psi.

Draft hood (unmounted).

Drain cock (unmounted).

Water level sight glass (unmounted).

### Optional Equipment

Spark ignition system.

Vent dampers.

Internal tankless heater.

ASME Package—includes:

MM PS-802 Low water cutoff (67 if tankless coil is used) (one per module)

PA404A Pressure control (one per mod.)

67M Low water cutoff (one per system)

L4079B Manual reset pressure control

(one per system)

### Ratings

#### Gas Caravan ratings and dimensions/steam models — GXHT Series

Model No.*	No. of Modules	Ratings for Natural and L.P. Propane Gases						Boiler Water Content (gal.)	Weight with Water	Recommended Header Size
		A.G.A.			I=B=R		Horse-power			
		Input MBH	Output MBH	Combustion Efficiency	Net Output MBH †	Sq. Ft. Steam ‡				
GXHT-380Z	2	380	304§	80.00§	228	950	9.1	13.4	911	3"
GXHT-500Z	2	504	403§	80.00§	302	1258	12.0	15.0	980	3"
GXHT-600HZ ¶	2	600	486	81.00	365	1521	14.5	16.8	1215	3"
GXHT-750Z	3	756	605§	80.00§	454	1892	18.1	22.5	1597	3"
GXHT-900HZ ¶	3	900	729	81.00	547	2279	21.8	25.2	1805	3"
GXHT-1200HZ ¶	4	1200	972	81.00	729	3038	29.0	33.6	2395	5"
GXHT-1500HZ ¶	5	1500	1215	81.00	911	3796	36.3	42.0	2985	6"

**FOR LARGER SIZES, USE MULTIPLES OF THE ABOVE.**

\* Specify gas by name, "Natural" or "Propane".

† Net ratings are based on piping and pick-up allowance of 1.33. Slant/Fin should be consulted before selecting a boiler for installation having unusual piping and/or pick-up requirements. Ratings must be reduced by 4% at 2,000 feet elevation and additional 4% for every additional 1,000 feet elevation over 2,000 feet.

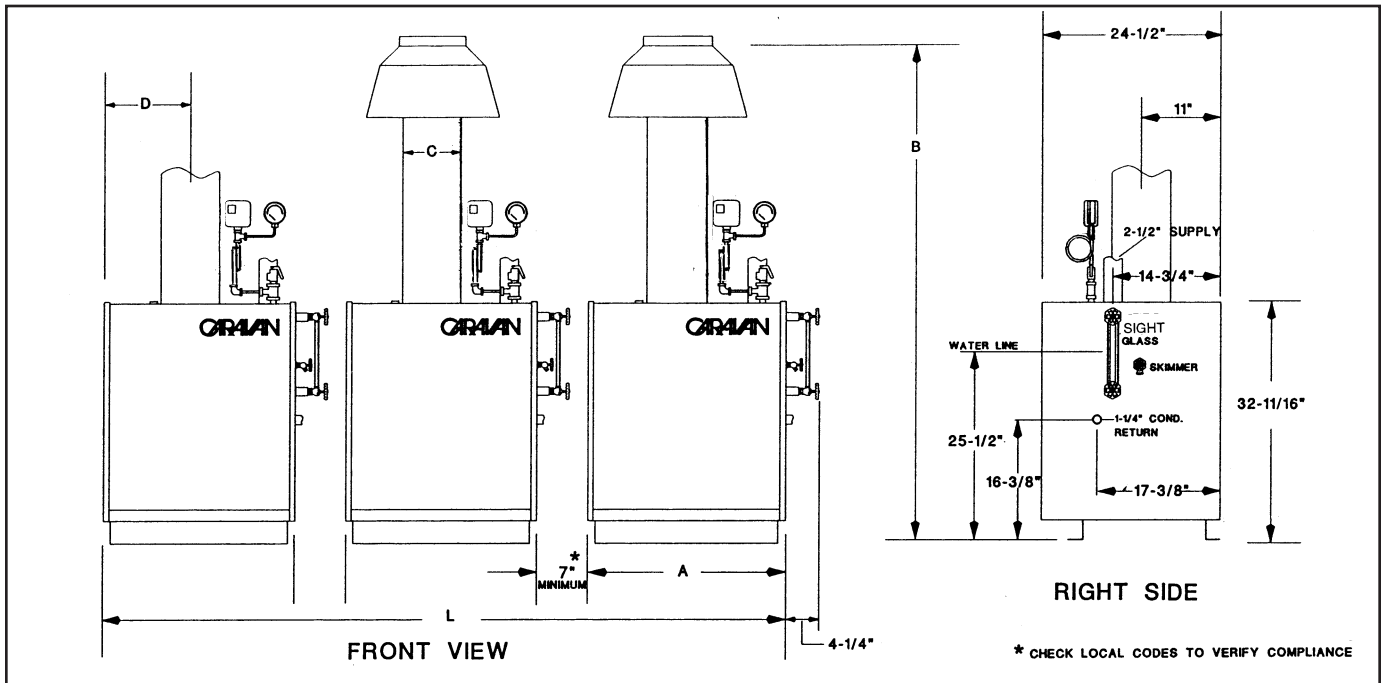
‡ Net ratings in square feet based on emission rate of 240 Btuh/sq.ft. at 215°steam temperature.

§ I=B=R gross output and combustion efficiency.

¶ For use with natural gas. For L.P. Propane consult factory.

Modules in excess of 5 should be piped in parallel in two or more banks.

## Dimensions



Model No.	Dimensions*				
	A	B	C	D	L
GXHT-380Z-2	19 <sup>15/16</sup>	55 <sup>1/2</sup>	7	9 <sup>27/32</sup>	3'-5 <sup>7/16</sup> "
GXHT-500Z-2	26 <sup>1/16</sup>	56 <sup>5/8</sup>	7	9 <sup>27/32</sup>	4'-11 <sup>1/8</sup> "
GXHT-600HZ-2	26 <sup>1/16</sup>	59 <sup>1/8</sup>	9	11 <sup>17/32</sup>	4'-11 <sup>1/8</sup> "
GXHT-750Z-3	26 <sup>1/16</sup>	56 <sup>5/8</sup>	7	9 <sup>27/32</sup>	7'-8 <sup>3/16</sup> "
GXHT-900Z-3	26 <sup>1/16</sup>	59 <sup>1/8</sup>	9	11 <sup>17/32</sup>	7'-8 <sup>3/16</sup> "
GXHT-1200HZ-4	26 <sup>1/16</sup>	59 <sup>1/8</sup>	9	11 <sup>17/32</sup>	10'-5 <sup>1/4</sup> "
GXHT-1500HZ-5	26 <sup>1/16</sup>	59 <sup>1/8</sup>	9	11 <sup>17/32</sup>	13'-2 <sup>5/16</sup> "

\* Inches, except "L" which is feet/inches.

## Design Data

Max. ASME Working Pressure: 15 psi  
 Power Requirements: 120 volts, 60 HZ,  
 .34 amps per module