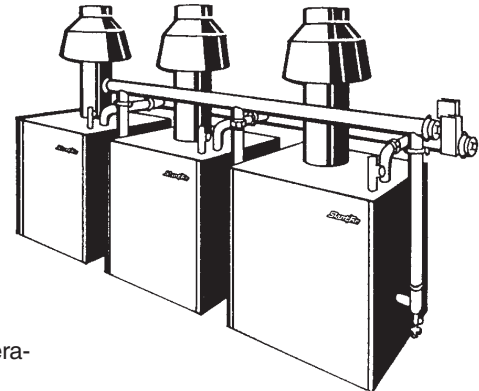


GGT SERIES—Gas-Fired/Hot Water

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. GGT systems are available from 600,000 to multi-million Btuh gross input. For additional information, see Caravan Engineering Manual, pub. C-30 and Caravan gas application guide, pub. CG-10-HWG.



Standard Equipment

One per module unless otherwise noted:

Pre-assembled cast-iron heat exchanger with built-in air separators and insulated jacket.

Base.

Flue collector.

Gas burners, gas orifices and manifold assembly.

Combination gas valve including manual shut-off and pressure regulator.

Pilot adjustment and automatic pilot thermocouple safety.

Hi-limit control.

Module pressure and temperature gauge (unmounted).

Module pressure relief valve (ASME) (unmounted). Specify 30, 50 or 100 psi.

Control header (unmounted, one per system).

Draft hood (unmounted).

Spark ignition system.

Optional Equipment

Hot water supply and return header assemblies.

Control panel with automatic lead/lag.

Vent dampers.

External DHW heat exchanger.

Ratings

Gas Caravan ratings and dimensions/hot water models — GGT Series

Model No.	Consists of		Ratings				Boiler Horsepower	Thermal EFF. %	Water Content (gal.)	Ship Wt.	Jkt. Width A§	Draft Hood Ht. B§	Flue Collar C§	Draft Hood Ht. D§	Header to Header E§	Space Btwn. Mods. F§	Length with Header L§	Min. Header Size ††
	No. of Htg. Mod.	Module Model Number	CSA Input	Gross Output	EDR Water† (Sq. Ft.)	AHRI Net Output†												
GGT-600E	2	GG-300ES	600	486	2814	422	14.5	81.10	18.4	1080	26 1/16	59 7/8	8	12 1/2	21 1/16	5 7/8	4'11"	2"
GGHT-700E	2	GG-350HES	700	570	3306	496	17.0	81.40	20.6	1230	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	5'2"	2"
GGHT-750E	2	GG-375HES	750	606	3506	526	18.1	80.90	20.6	1230	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	5'2"	2"
GGHT-800E	2	GG-399HES	798	644	3734	560	19.2	80.60	20.6	1230	30 3/16	62 7/8	10	13 3/32	25 3/16	1 1/16	5'2"	2"
GGT-900E	3	GG-300ES	900	729	4221	633	21.8	81.10	27.6	1590	26 1/16	59 7/8	8	12 1/2	21 1/16	5 7/8	7'7"	2"
GGHT-1050E	3	GG-350HES	1050	855	4959	744	25.5	81.40	30.9	1830	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	7'10"	2"
GGHT-1125E	3	GG-375HES	1125	909	5259	789	27.2	80.90	30.9	1830	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	7'10"	2"
GGHT-1200E	3	GG-399HES	1197	966	5601	840	28.9	80.60	30.9	1830	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	7'10"	3"
GGT-1200E	4	GG-300ES	1200	972	5628	844	29.0	81.10	36.8	2140	26 1/16	59 7/8	8	12 1/2	21 1/16	5 7/8	10'3"	3"
GGHT-1400E	4	GG-350HES	1400	1140	6612	992	34.1	81.40	41.2	2440	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	10'6"	3"
GGHT-1500E	4	GG-375HES	1500	1212	7012	1052	36.2	80.90	41.2	2440	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	10'6"	3"
GGT-1500E	5	GG-300ES	1500	1215	7035	1055	36.3	81.10	46.0	2675	26 1/16	59 7/8	8	12 1/2	21 1/16	5 7/8	12'11"	3"
GGHT-1600E	4	GG-399HES	1596	1288	7468	1120	38.5	80.60	41.2	2440	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	10'6"	3"
GGHT-1750E	5	GG-350HES	1750	1425	8265	1240	42.6	81.40	51.5	3050	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	13'2"	3"
GGHT-1875E	5	GG-375HES	1875	1515	8765	1315	45.3	80.90	51.5	3050	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	13'2"	3"
GGHT-2000E	5	GG-399HES	1995	1610	9333	1400	48.1	80.60	51.5	3050	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	13'2"	3"
GGHT-2100E	6	GG-350HES	2100	1710	9918	1488	51.1	81.40	61.8	3660	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	15'10"	3"
GGHT-2250E	6	GG-375HES	2250	1818	10518	1578	54.3	80.90	61.8	3660	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	15'10"	3"
GGHT-2400E	6	GG-399HES	2394	1932	11202	1680	57.7	80.60	61.8	3660	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	15'10"	3"
GGHT-2450E	7	GG-350HES	2450	1995	11571	1736	59.6	81.40	72.1	4270	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	18'6"	3"
GGHT-2625E	7	GG-375HES	2625	2121	12271	1841	63.4	80.90	72.1	4270	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	18'6"	3"
GGHT-2800E	7	GG-399HES	2793	2254	13069	1960	67.3	80.60	72.1	4270	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	18'6"	3"
GGHT-2800AE	8	GG-350HES	2800	2280	13224	1984	68.1	81.40	82.4	4880	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	21'2"	3"
GGHT-3000E	8	GG-375HES	3000	2424	14024	2104	72.4	80.90	82.4	4880	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	21'2"	3"
GGHT-3150E	9	GG-350HES	3150	2565	14877	2232	76.6	81.40	82.4	5490	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	23'10"	3"
GGHT-3200E	8	GG-399HES	3192	2576	14936	2240	77.0	80.60	82.4	4880	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	21'2"	3"
GGHT-3375E	9	GG-375HES	3375	2727	15777	2367	81.5	80.90	92.7	5490	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	23'10"	3"
GGHT-3500E	10	GG-350HES	3500	2850	16530	2480	85.1	81.40	92.7	6100	30 3/16	67 7/8	9	13 3/32	25 3/16	1 1/16	26'6"	3"
GGHT-3600E	9	GG-399HES	3591	2898	16800	2520	86.6	80.60	92.7	5490	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	23'10"	3"
GGHT-3750E	10	GG-375HES	3750	3030	17530	2630	90.5	80.90	103.0	6100	30 3/16	59 7/8	10	13 3/32	25 3/16	1 1/16	26'6"	3"
GGHT-4000E	10	GG-399HES	3990	3220	18670	2800	96.2	80.60	103.0	6100	30 3/16	66 7/8	10	13 3/32	25 3/16	1 1/16	26'6"	3"

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 1.15. 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 ft. elevation and an additional 4% for every additional 1,000 ft. elevation over 2,000 ft.

‡ Net ratings in square feet based on emission rate of 150 Btuh/sq. ft.

§ Refer to figures 1 and 8. Headers shown are optional.

†† All factory supplied headers use 3" system connections.

Modules in excess of 10 should be piped in parallel in two or more batteries.

Note: For higher capacities, specify correct combination of standard Caravan modules shown.

Dimensions

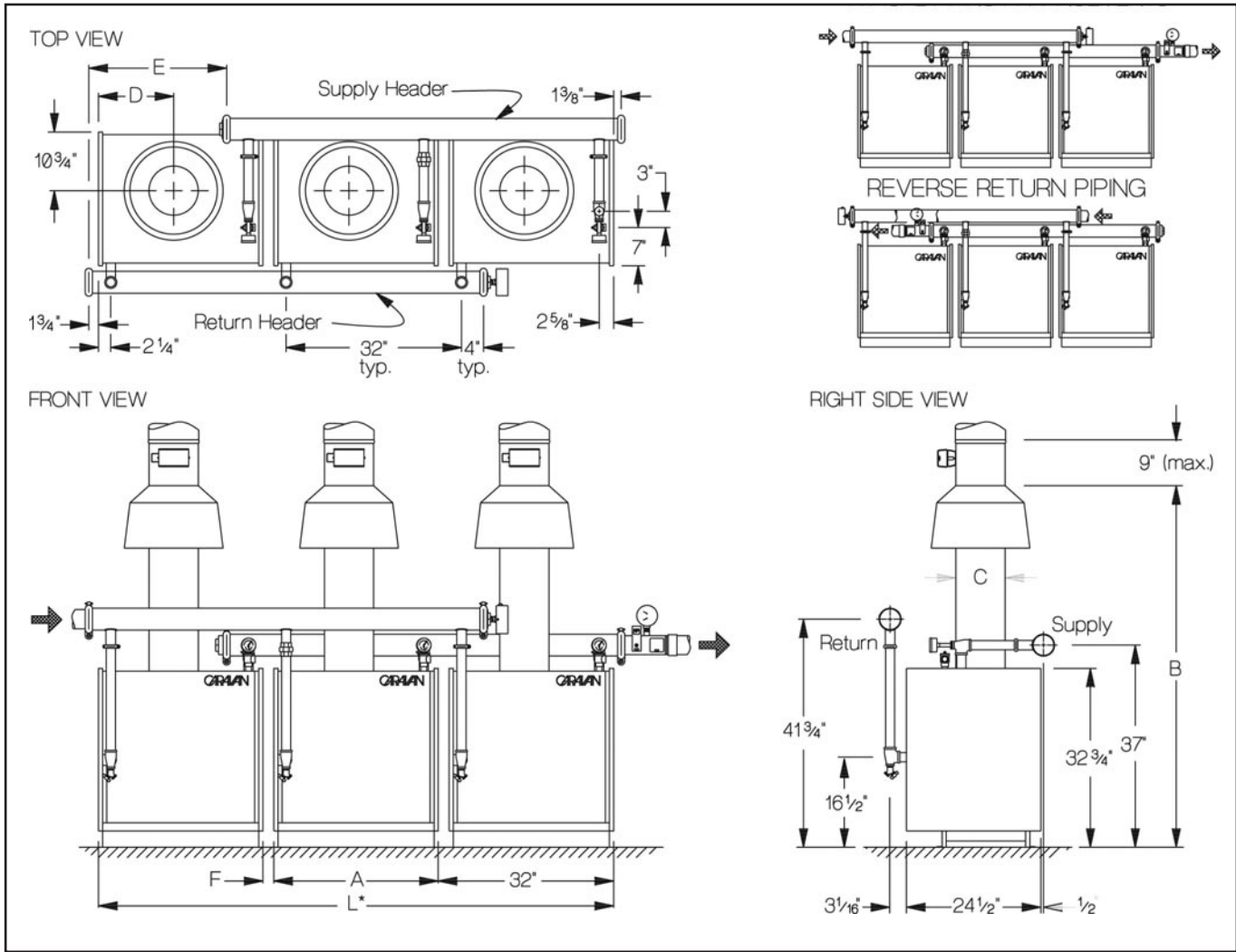


Figure 1: Gas Caravan dimensions and typical piping/hot water models

Design Data

Max. ASME Working Pressure: 100 psi
 Power Requirements: 120 volts, 60 HZ, .34 amps per module



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