

B40
LINEAR SERIES

The BIASI B40 Series



Triple Pass Commercial Cast Iron Boiler
Efficiencies up to 87%
265 to 783 MBH Output
Electronic Reset Control Panel Available

QHT
INCORPORATED
The New Style of Warmth

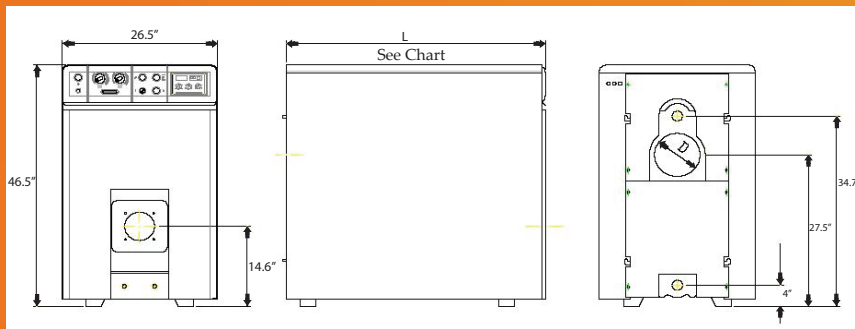


The BIASI B40 SERIES

The BIASI B40, a triple pass cast iron boiler, is unsurpassed in fuel efficiency, flexibility, and durability. Constructed with GG20 cast iron and ASME rated at 58 psi, the B40 carries a 20 year warranty.

Its triple pass design and lower water content ensure heating demands are quickly met. The B40's unique push nipple design provides equal distribution of return water throughout the boiler's sections thereby maximizing the heat collected and reducing fuel consumption.

The B40 Boilers, approved for oil, gas, or propane, range from 265 to 783 MBH and are well suited for commercial or multi-unit residential buildings.



BIASI B40 COMMERCIAL SERIES

Boiler Model #	Gross Output MBH	Gross Input Burner Capacity		Net Output Oil (MBH)	Efficiency		Supply, Return Tapping	Water Content (Gal.)	Length (Inches)	Weight (Lbs.)
		OIL (GPH)	GAS (MBH)		OIL (%)	GAS (%)				
B40/6	265	2.2	308	230	86.0	84	2.5"	17	34.8	902
B40/7	352	2.9	406	305	86.7	84	2.5"	20	39.5	1023
B40/8	437	3.6	504	380	86.7	84	2.5"	23	44.4	1144
B40/9	524	4.3	602	456	87.0	84	2.5"	26	49.2	1265
B40/10	610	5.0	700	532	87.2	84	2.5"	28	53.9	1386
B40/11	696	5.7	798	607	87.4	84	2.5"	31	58.8	1507
B40/12	783	6.4	896	684	87.4	84	2.5"	34	63.8	1628

(1) The burner input is based on oil with a heat value of 140,000 BTU/Gal. (2) The net output ratings shown are based on piping and pick-up allowance of 1.15 (3) The efficiency ratings are based on a combustion condition of 12.5% CO₂.



The BIASI B40's heat exchanger path is up to 15 feet long, and the 3pass design heats more surface area per gallon burned, with 25% less heat lost than pin-type boilers.

Technical Advantages

- GG20 Corrosion Resistant Cast Iron
 - ASME Listed, Rated to 58 psi
 - UL Listed for Oil/Gas
- Efficient Triple Pass Heat Exchanger
 - Burner Swing Door
- Extra Heavy Insulation for Low Jacket & Standby Losses
- Limited 20 Year Warranty on Boiler