



COMPACT

CLEAN SAFE RELIABLE HEAT
ELECTRIC BOILERS FOR WARM
AND HOT WATER APPLICATIONS

Lion Boilers

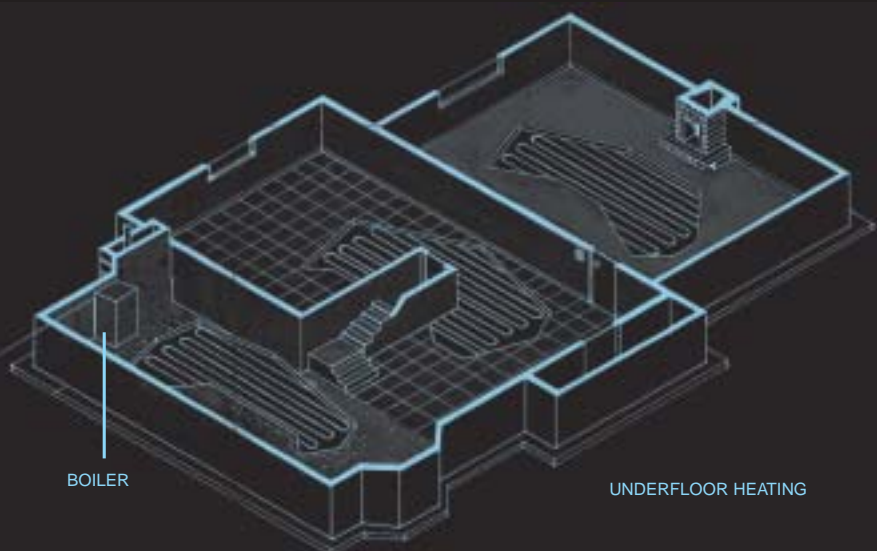


Lion Boilers/div. of Concept Manufacturing Inc.
P.O. Box 23008 RPO McGillivray
Winnipeg, MB R3T 5S3
PH. (204) 284-9111 • FAX. (204) 284-9229

sales@conceptmfginc.com

TOLL FREE 1-800-465-4114

WWW.CONCEPTMFGINC.COM



BOILER

UNDERFLOOR HEATING

Sizes from 3 to 30 kW

And it only weighs about 40 kilograms (85 lbs)
with a tank size of approximately 2 gallons

Sizes: The boiler is available in 240 volt single phase; 208 and 600 volt 3 phase; other voltages and wattages available on request.

COMPACT SIZE: The size and light weight of the boiler allows for easy movement up or down stairwells and loading into or out of a vehicle.

DIFFERENTIAL STAGING OF ELEMENTS: Boiler will operate on minimum number of elements in order to maintain desired temperature.

- All models are CSA approved for Hydronic Heating
- Ideal for all types of heating systems: radiant floor systems, radiators, and baseboards
- Perfect for both new installations and as a replacement for existing systems
- Boiler can be mounted on wall or floor
- All elements are accessed from top of boiler
- Built in, easily adjustable controller for precise temperature control (70° to 175°F)
- Heavy duty wiring
- Boiler is prewired with all controls for easy connection of external thermostat and circulating pump
- Insulated tank
- Quiet relays
- Pressure Relief Valve, Pressure Temperature Gauge and Air Vent included with all boilers
- Made in Canada
- Limited two year warranty

Options:

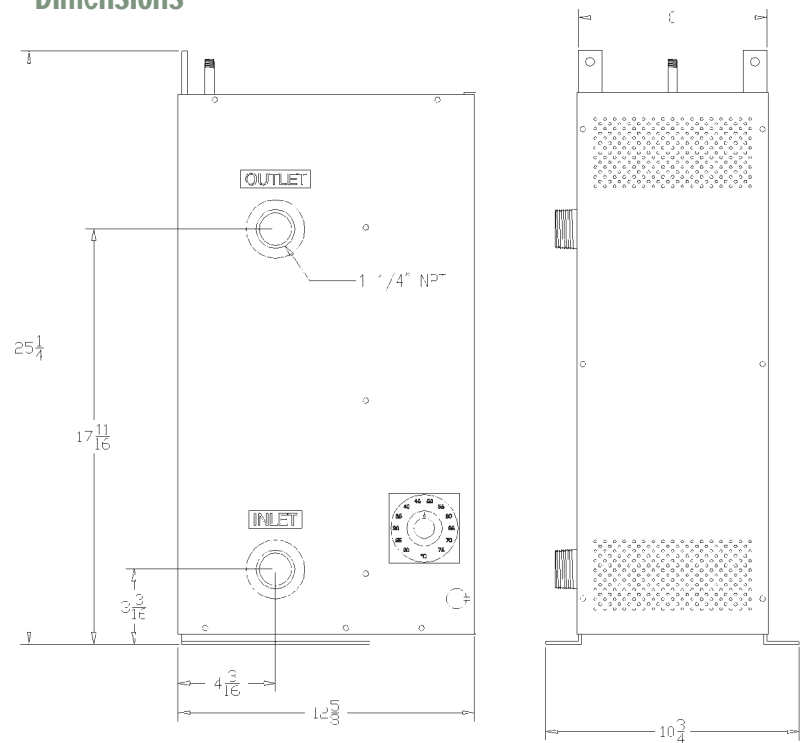
- Low Water Cut-off Control: To prevent boiler from coming on if there is any loss of water.
- Outdoor reset control: Water temperature is modified to match heat loss of building depending on outside temperature.
- Two thermostat inputs: Stat 1 is for normal space heating, Stat 2 is for high temperature auxiliary heating/indirect such as domestic hot water. Stat 2 is the priority stat.
- Load management
- Certified tank: ASME bearing "H" stamp and CRN certification.



Specifications

MODEL	kW	VOLTS	AMPS	BREAKER	BTU	GPM
CEB-3	3	240	12.5	20	10,236	3
CEB-5	5	240	20.8	30	17,060	3
CEB-6	6	240	25.0	40	20,472	3
CEB-8	8	240	33.3	50	27,296	3
CEB-9	9	240	37.5	50	30,708	3
CEB-10	10	240	41.7	60	34,120	4
CEB-12	12	240	50.0	70	40,944	4
CEB-15	15	240	62.5	100	51,180	4
CEB-18	18	240	75.0	100	61,416	4
CEB-20	20	240	83.3	125	68,240	4
CEB-23	23	240	95.8	125	78,476	5
CEB-25	25	240	104.2	150	85,300	5
CEB-28	28	240	116.7	150	95,536	6
CEB-208-15	14.4	208	40.0	50	49,133	4
CEB-208-22	22.5	208	62.5	100	76,770	5
CEB-208-30	28.8	208	80.0	100	98,266	6
CEB-600-15	14.4	600	13.9	20	49,133	4
CEB-600-30	28.8	600	27.7	40	98,266	6

Dimensions



Lion Boilers

Lion Boilers/div. of
Concept Manufacturing Inc.
P.O. Box 23008 RPO McGillivray
Winnipeg, MB R3T 5S3
PH. (204) 284-9111
FAX. (204) 284-9229

Call 1-800-465-4114 for sales or for a dealer in your area.
Visit our website at www.conceptmfginc.com
E-mail queries to sales@conceptmfginc.com

Product design and literature are Copyright©2005 by:
Concept Manufacturing Inc.
All specifications are subject to change without notice.