HC Series

HC 13-50  13,500 to 51,000 BTU/HR
HC 15-96   15,000 to 96,000 BTU/HR
HC 20-125  20,000 to 125,000 BTU/HR
HC 33-160  33,000 to 160,000 BTU/HR

High Efficiency Condensing Boiler

The HC series begins with the HC 13-50 offering the solution for today's better insulated buildings. With onboard full outdoor reset and a slim boiler room footprint the HC Series offers great value for money without sacrificing reliability.

- Unique and innovative single pass Copper / Aluminum heat exchanger, ensuring greater efficiency and eliminating water side corrosion.
- Up to 96% AFUE, with full ASME-rated vessel.
- Built-in boiler pump.
- PVC/CPVC/PPs approved.
- 2” & 3” venting options available.
- Contractor friendly, easy to install, maintain and service.
- Fewer parts ensuring greater reliability.
- Outdoor reset technology increases efficiency by lowering the water temp automatically.
- Reset heating - Set point - DHW.
- Includes Air Vent, Outdoor Sensor & Relief Valve.
- Better reliability and durability.

Energy Efficient Heating
HC Series

Condensing Boiler

13,500 to 51,000 BTU/HR
29,000 to 106,000 BTU/HR
33,000 to 160,000 BTU/HR

15,000 to 95,000 BTU/HR
20,000 to 125,000 BTU/HR

Boilers are shipped with 30 psi pressure relief valve.
Natural Gas boilers require a Propane conversion kit to be ordered separately if converting from Natural Gas to Propane.

Max equivalent vent length 3” (each side)
Max equivalent vent length 2” (each side)

Min water temperature

Min gas pressure (Nat. Gas or Propane)

Max relative humidity (non-condensing)

4507 South Taylor Drive, Sheboygan, WI 53081
920 783 8340  Fax: 920 783 8339
Tel: 604 877 0277     Fax: 604 877 0295
www.ibcboiler.com
Toll Free: 1 844 HEAT IBC (432 8422)

USA
1702 Taylors Lane, Cinnaminson, NJ 08077
4507 South Taylor Drive, Sheboygan, WI 53081

Canada
8015 North Fraser Way, Burnaby, BC V5J 5M8
Unit 5, 1455 18th Ave, Richmond Hill, ON L4B 4W5

Tel: 604 877 0277     Fax: 604 877 0295
Tel: 920 783 8340     Fax: 920 783 8339

Accessories
EZ Pipe Manifold
Part# 190-149

Floor Stand
Part# P-267

Service Parts Kit
Part# P-743C

Sidewall Vent Terminal Kit
Part# P-741 (2”), P-742 (3”)

Max equivalent vent length 2” (each side)
35” 35” 35” 35”
Max equivalent vent length 3” (each side)
120” 120” 120” 120”

Max equivalent vent length 2” (each side)
35” 35” 35” 35”
Max equivalent vent length 3” (each side)
120” 120” 120” 120”

Natural Gas boilers require a Propane conversion kit to be ordered separately if converting from Natural Gas to Propane.

Propane boilers require a Natural Gas conversion kit to be ordered separately if converting from Propane to Natural Gas.

Boilers are shipped with 30 psi pressure relief valve.

EXHAUST PIPE SIZE

MAXIMUM EQUIVALENT

Sched.40; Rigid PPs
(each side)

2” 35”

3” 120”

2”3” 90° Long sweep vent elbow
Allow 5” equivalent feet

2”3” 90° Short sweep vent elbow
Allow 6” equivalent feet

2”3” 45° Vent elbow
Allow 3” equivalent feet

PPS
PPs 87-90”Elbow
Allow 8” equivalent feet

Flexible PPs
3” Flexible
35 Actual feet times 1.4

Maximum exhaust venting length

Max vent length 2” (each side)
35” 35” 35” 35”
Max vent length 3” (each side)
120” 120” 120” 120”