

5
YEAR
PARTS
WARRANTY

10
YEAR
HEAT EXCHANGER
WARRANTY

SB-12
COMPLIANT
DC 15-96

DC
SERIES



IBC



COMBI



THE **SMART CHOICE** FOR
HEATING AND HOT WATER

IBC INTERGAS®

DC 15-96

- 2 Gas fired components built in to 1 cabinet
- 2 Certifications



Certified as a
High Efficiency
Tankless Water Heater



Certified as a
High Efficiency
Condensing Boiler



Cory McBurney (President of EnerQuality), Birgit McCullough (Ontario Office Manager), Peter Kinsey (Eastern Canadian Sales Manager), Don Peladeau (CEO IBC Canada), James Scott (Ontario Technical Sales Specialist)

EQ AWARDS

Winner of the **"Most Innovative Product"** at the 2018 EnerQUALITY Housing Innovation Forum & Awards. Certified as a tankless water heater and a high efficiency boiler the DC 15-96 is the first of it's kind and is compliant with all six compliance packages of the Ontario Building Code Supplementary Standard SB-12, including package A1.

INNOVATION

INTERGAS - THE SMART CHOICE FOR SPACE HEATING AND HOT WATER

Intergas has been at the forefront of boiler manufacturing for almost 50 years. In 1989 we launched our first condensing combination boiler and now lead the market in the development of innovative boiler technology. Our ground-breaking and patented two-in-one heat exchanger has made us the first choice with many households throughout Europe. With over 2 million boilers installed in more than 20 countries and 5,200 boilers produced every week, Intergas is the reliable and environmentally responsible solution to your heating and hot water needs.

"We want to make something beautiful."

Peter Cool, Technical Director, Intergas





**CUTTING EDGE
COMFORT**



THE ONLY FULLY CONDENSING COMBI BOILER ON THE MARKET

You expect your combi boiler to provide enough hot water for both your kitchen and bathroom, as well as enough heat to make your home cozy and snug. Our DC Combi is designed to do just that. Whatever your exact heating and hot water requirements may be, one of our combi boilers is sure to be a perfect match for you.

BUILT TO LAST

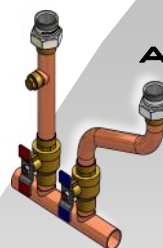
- Every DC features our unique back-to-back "Double HE" 2 in 1 heat exchanger
- 30 year track record
- 2 independent copper waterways embedded in a cast aluminum heat exchanger
- Separating the circuits for heating and hot water also means there's no need for a diverter valve or secondary DHW plate heat exchanger, eliminating another source of possible component failures

EASY TO USE

- Contractor friendly, reduced internal parts, easy to install, maintain & service
- Innovative state of the art electronics control the gas valve, fan and ignition
- Compatible with standard Propylene Glycol
- Self-cleaning, self-draining vertical fin heat exchanger flue ways

EFFICIENT

- The only fully condensing dual fired appliance on the market
- Up to 96% AFUE with full ASME-rated vessel
- Outdoor reset technology increases efficiency by lowering the water temp automatically
- Up to 3.2 GPM continuously at a 70°F rise
- Advanced modulating temperature control



INSTALLATION AND MAINTENANCE MADE EASY

**EZ Pipe Copper
Manifold**
Part# 190-149

Floor Stand
Part# P-267

Convert any residential IBC wall hanging boiler to a floor standing model instantly.



Parts Kit
Part# P-734

Contains all the main parts needed to service all DC/HC models.



FRONT VIEW

SIDE VIEW

TOP VIEW

BOTTOM VIEW

1.3[32]

2.7[68]

31.3" / 796 mm

10.9[277]

19.8[502]

SUPPLIED WITH 3/4" X 24" CONDENSATE FLEX HOSE

11.1[281]

8.4[214]

2.6[65]

3.7[94]

8.4[214]

4.7[120]

AIR SEPARATOR/RELIEF VALVE CONNECTOR

D - 3/4" NPT-M

F - 1" NPT-M

H

4.3[110]

6.9[175]

2.6[65]

5.1[130]

2.6[65]

5.1[130]

G - 1/2" NPT-M

C - 3/4" NPT-M

E - 1" NPT-M

I

2.0[50]

2.6[65]

Natural Gas boilers / water heaters require a Propane conversion kit to be ordered separately if converting a Natural Gas boiler / water heater to Propane. Propane (LP) boilers / water heaters require a Natural Gas conversion kit to be ordered separately if converting a Propane boiler / water heater to Natural Gas.

Ships with 30 psi pressure relief valve



	DESCRIPTION	DC SERIES
A	Exhaust outlet	3" Schedule 40
B	Combustion air	3" Schedule 40
C	Cold domestic water connection	3/4" Male NPT
D	Hot domestic water connection	3/4" Male NPT
E	Heating water inlet (return)	1" Male NPT
F	Heating water outlet (supply)	1" Male NPT
G	Gas inlet	1/2" Male NPT
H	Condensate outlet	3/4" Hose
I	Knock-outs (3)	1/2"

VENTING	MAXIMUM EQUIVALENT LENGTH
Schedule 40 PVC, CPVC or PPs	
2"	35'
3"	120'
2" or 3" 90' Long Sweep Vent Elbow	Allow 5 equivalent feet
2" or 3" 90' Short Sweep Vent Elbow	Allow 8 equivalent feet
2" or 3" 45' Vent Elbow	Allow 3 equivalent feet
PPs	
PPs 87-90' Elbow	Allow 8 equivalent feet
Flex PPS	
3" PPs Flex	(Max. 35) actual feet times 1.4



**ALL THE HOT WATER
AND HEATING
YOU'LL EVER NEED**



HC SERIES

CONDENSING BOILER

Excellent value for the money, the HC Series offers an economical solution to all your home heating needs without sacrificing reliability. Same great features as the DC Series without tankless DHW. DHW demand priority standard on all HC Models. Pair with one of our IBC indirect tanks for a complete system.



SPECIFICATIONS	HC 13-50	HC 15-96	HC 20-125	HC 33-160
CSA Input (Natural Gas or Propane) – MBH	13.5 - 51	15 - 96	20 - 125	33 - 160
CSA Input (Natural Gas or Propane) – KW	3.95 - 14.94	4.4 - 28.1	5.6 - 36.6	9.7 - 46.9
CSA Output – MBH	12.4 - 45.4	14.5 - 85.9	18.6 - 110.8	30.4 - 140.0
CSA Output – KW	3.64 - 13.3	4.3 - 25.2	5.4 - 32.5	8.9 - 41.0
A.F.U.E	95%	96%	95%	94%
Min gas pressure (Nat. Gas or Propane) – inch w.c.	5	5	5	5
Max Gas Pressure (Nat. Gas or Propane) – inch w.c.	14	14	14	14
Power (120Vac/60Hz) – Watts @ full fire with internal pump	126	128	130	164
Weight (empty) – lbs/Kg	84 / 38	96 / 44	96 / 44	96 / 44
Pressure vessel water content – USG/Liters	0.37 / 1.4	0.5 / 1.9	0.5 / 1.9	0.5 / 1.9
Max boiler flow rate – USgpm	9	10	11	11
Min boiler flow rate – USgpm	2	2	3	3
Max operating pressure – Space Heating Coil – psig	43.5	43.5	43.5	43.5
Ambient temperature – Low (°F/°C)	32/0	32/0	32/0	32/0
Ambient temperature – High (°F/°C)	122/50	122/50	122/50	122/50
Max relative humidity (non-condensing)	90%	90%	90%	90%
Min water temperature – Space Heating (°F/°C)	50/10	50/10	50/10	50/10
Max water temperature – Space Heating (°F/°C)	194/90	194/90	194/90	194/90
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 a Natural Gas boiler to Propane.

Propane (LP) boilers require a Natural Gas conversion kit to be ordered separately if converting a Propane boiler to Natural Gas.

Ships with a 30 psi relief valve.



WWW.IBCBOILER.COM



IBC INTERGAS®