

*Safety and smart
Altoen Daewoo Gasboiler
makes your life more healthy*
For people development



The highest level of technology
and a high efficiency system

ALTOEN DAEWOO Gas Boiler

Altoen Daewoo Gas Boiler Key Feature

The high energy-efficient technologies of
Daewoo Gas Boiler provide customers with
ultimate comfortable and economic living.



Hot water Expansion System

A bigger hot water capacity
than that of cetral heating water. 100-160 only



Seasonal adjustment system

Hot water temlerature is adjustable
according to seasonal changes.



Hot water comfort

Instantaneous hot water supply
at a contant temperature.



A high efficiency system

This is the product of high efficiency
and economic system and it provides
custimers and with minimizing running costs.



Rapid hot water system

The hot water can supply rapidly
by Rapid hot water system,
so water and gas are saved at the same time.



Infra-red-Flame Detector

Gas boiler is controlled according to flame conditions
detected by the infra-red sensor, so optimal combustion
condition is maintained at all times and save gas costs.



Self-learning Fault Diagnosis system

More accurate diagnoses and repairs are
made possible as the boiler does its own fault
finding, if any, and displays an error message accordingly.



Minimize resistance system

Gas boiler is designed to minimize resistance
system to fluid ftrough teh exchanger so hot water is
availabl in case of low water pressure.



Automatic Multi Fuel conversion

Convertible from LNG to LPG or vice cersa
automatically by control of Room controller only.



A week and 24 hour Timer system

Gas boiler operates according to already
set specific times with a week and 24 hou
timer system whenever needed.



Emergency operatin system

When the Room controller is not avle to use,
the boiler can operate without Room
controller with emergency.



Low Noise Combustion system

Enjoy a quiet and pleasant environment with
Bunsen type burner combustion system.



Condensing Altoen Deawoo Gas Boile

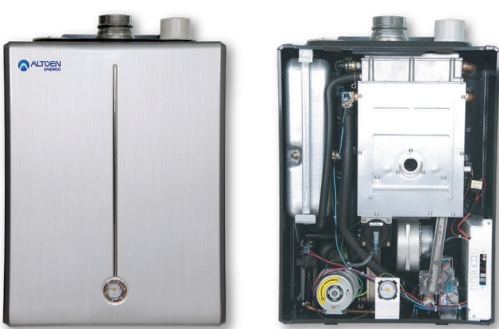
What is Condensing gas boiler?

In a standard boiler, fuel is burned and the hot gases produced are passed through a heat exchanger where much of the hot gases produced in the combustion process is water's temperature. One of the hot gases produced in the combustion process is water vapour(steam), which arises from burning the hydrogen content of the fuel. A condensing boiler extracts additional heat from the waste gases by condensing this water vapour to liquid water, thus recovering its latent heat. So, condensing gas brings in to the highest available categories for energy efficiency.



Condensing Altoen Deawoo Gas Boiler

DGB 160 MES 200 MES



DGB 250 MES 300 MES 350 MES



SPECIFICATIONS

Model Name			DGB-160MSC	DGB-200MSC	DGB-250MSC	DGB-300MSC	DGB-350MSC
Type			Condensing type (Hermetic tank type)				
Using Gas			LNG or LPG				
Usage			Central heating (CH) / Domestic hot water (DHW)				
Heating output(max)			18.6kW (16,000kcal/h)	23.3kW (20,000kcal/h)	29.1kW (25,000kcal/h)	34.9kW (30,000kcal/h)	38.4kW (33,000kcal/h)
Condensed Heating output (supply/Return 50/30℃)			8.1~19.8kW	8.1~24.4kW	11.6~30.6kW	11.6~34.9kW	11.6~40.7kW
Hot water output			8.1~23.3kW		11.6~29.1kW	11.6~34.9kW	11.6~40.7kW
Hot water supply		increased to dt25℃	13.3ℓ /min		16.7ℓ /min	20.0ℓ /min	23.3ℓ /min
		increased to dt40℃	8.3ℓ /min		8.3ℓ /min	12.5ℓ /min	14.6ℓ /min
Maximum Gas input	Heating	LPG	20.0kW (1.58kg/h)	24.9kW (1.97kg/h)	30.5kW (2.42kg/h)	37.1kW (2.94kg/h)	41.0kW (3.24kg/h)
		LNG	20.0kW (1.81m³/h)	24.9kW (2.25m³/h)	30.5kW (2.76m³/h)	37.1kW (3.36m³/h)	41.0kW (3.70m³/h)
	Hot water	LPG	24.9kW (1.97kg/h)		30.5kW (2.42kg/h)	37.1kW (2.94kg/h)	41.0kW (3.24kg/h)
		LNG	24.9kW (2.25m³/h)		30.5kW (2.76m³/h)	37.1kW (3.36m³/h)	41.0kW (3.70m³/h)
Useful efficiency at Heating Output (Supply/Return 80/60℃)			97.3%	97.0%	98.5%	97.7%	97.4%
Useful efficiency at Heating Output (Supply/Return 50/30℃)			106.2%	106.3%	106.3%	106.2%	106.3%
Useful efficiency at Heating Output (Return30℃)			106.4%		106.5%		
Power supply			AC220V/50Hz				
Power input			115W			155W	135W
Size (WXHXD)	net		490 X 656 X 242mm		490 X 626 X 365mm		
	gross(packed)		560 X 820 X 290mm		560 X 820 X 41mm		
Weight			32kg		38kg		
Duct out diameter	Air-supply		110mm				
	gross(packed)		80mm				
Pipe connection		Gas in	PT 1/2 BOLT (15A)		PT 3/4 BOLT (20A)		
		Cold-water-in Hot-water-out	PT 1/2 BOLT (15A)		PT 1/2 BOLT (15A)		
		Heating-water-in Heating-water-out	PT 3/4 BOLT (20A)		PT 3/4 BOLT (20A)		
Accessories			Room-controller, Air-supply / Gas-exhaust Flue (option)				



You can meet a detail of
DW gasboiler through
the QR Code for
Smart Phone



ALTOEN DAEWOO Gasboiler Co., Ltd.