29-116 kW

YT-3G SERIES

Single and 2 Door - Half Cylindrical - Pipe - 3 Pass
Housing Heating

USAGE AREAS

Housing Heating

FUEL TYPES

Natural Gas, Diesel

TECHNICAL DATA

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YT-3G SERIES • 116-931 kW

Single and 2 Door - Half Cylindrical - Pipe - 3 Pass Central System Boiler

YT-3G SERIES • 116-581 kW

3 PASS
TECHNOLOGY





NATURAL GAS

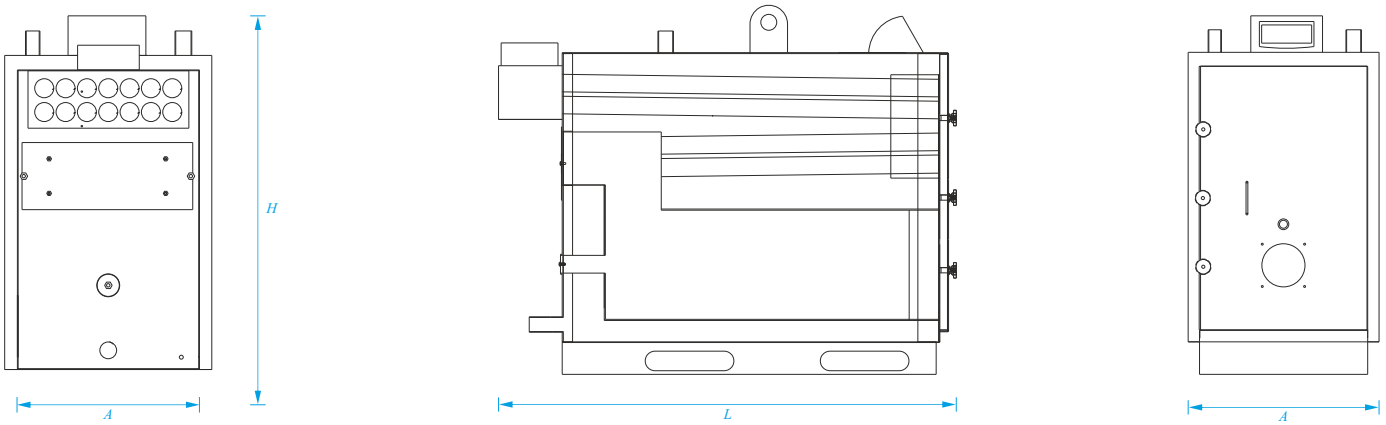
DIESEL

- It has a design for users to control the temperature level easily.
- By means of three-pass system, the flue gets longer, flue gas temperature decreases and fuel-saving is obtained.
- The economisers, which are designed according to the boiler structure, increase the boiler efficiency and ensure the utilization of heat at higher values. In this way, the fuel consumption decreases and economic advantage is gained. All boilers are tested under 1,5 times of operating pressure. Heat transfer are distributed to all
- surfaces in a homogenous way, and boiler life extends.
- It is able to operate with natural gas, fuel-oil / diesel fuel, LPG.
- Hot running water can be obtained by means of boiler or exchanger system to be attached to the boiler optionally.
- Three-pass system is a good choice for all areas by means of performance and high capacity of heating.
- Circulation pump and burner are not included in price.

TECHNICAL DATA

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Data in technical tables may change within the scope of product development.



DIMENSIONS		YT-3G									
		150	200	250	300	350	400	500	600	700	800
Width (A)	mm	850						880		1.000	
Length (L)	mm	1.300	1.800	2.000	2.250	1.900	2.200	2.100	2.300	2.200	2.500
Boiler Height	mm	1.600				1.800		2.000		2.300	
Flue diameter	Ø mm	250		300		350		400		450	
Boiler in-out	Ø inç	2 ½		3		4					
Expansion In-out	Ø inç	1 ¼		1 ¼				2			
Loading / Unloading	Ø inç	3/4									

TECHNICAL DATA		YT-3G									
		150	200	250	300	350	400	500	600	700	800
Fuel Type		Natural Gas - Diesel									
Heating Power	kW	174	223	291	349	407	466	582	698	814	931
	Kcal	150.000	200.000	250.000	300.000	350.000	400.000	500.000	600.000	700.000	800.000
Combustion room height (Ø)	mm	480				550				750	
Combustion room lenght (L)	mm	729	1.175	1.390	1.366		1.590	1.490	1.740	1.470	1.800
Combustion room volume	dm^3	131	212	251	247	324	377	353	413	649	794
Combustion room pressure	mbar	0.9		1.1				1.9			
Water volume	mm	560	590	750	800	1.000	1.100	1.500	1.650	1.620	1.720
Boiler Weight	kg	800	900	975	1.090	1.200	1.300	1.515	1.915	2.315	2.715
Required flue draught	mm	0.44 - 0.47			0.46 - 0.49			0.51 - 0.54		0.53 - 0.57	
Temperature Range	°C	35 - 85									
Highest Operating Pressure	bar	3									
Test Pressure	bar	4.5									

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