

Power HT 45-150 kW*



- Stainless steel double chamber exchanger: high output in compact size, reliability and long life
- Digital control panel “advanced CPS system” with push buttons and wide LCD display with text and symbols
- Complete range of temperature regulation accessories
- Minimal weight and size
- Complete range of accessories for single and cascade installations

Hydraulic system

Stainless steel premixing burner
Stainless steel water/flue exchanger
System to prevent pump sticking
operating every 24 hours

Thermoregulation system

Remote controller and climatic
regulator (supplied as optional)
Built-in weather compensation function
(outdoor sensor supplied as optional)
Mixed zones systems (low and high
temperature) installation option
Cascade system installation option
NTC sensor for DHW cylinder
control option

Control system

Central heating and indirect
cylinder timer
Hydraulic pressure switch to prevent
boiler operating in event
of low water
Full electronic anti-frost device
Electronic thermometer
Central heating pressure gauge

Outputs from 45 to 150 kW

		1.450	1.650	1.850	1.1000	1.1150	1.1200	1.1500
Maximum heating heat input	kW	46,4	67	87,2	102,7	115	123,2	154
Maximum heating heat output 80/60°C	kW	45	65	85	100	112	120	150
Maximum heating heat output 50/30°C	kW	48,7	70,3	91,6	107,8	121,1	129,7	162
Minimum heat output 80/60°C	kW	11,8	13,4	32,2	35,8	39	39	40,4
Minimum heat output 50/30°C	kW	11,8	19,3	34,9	38,8	42,1	42,1	43,7
Nominal efficiency 80/60°C	%	93,3	93,3	97,5	97,4	97,4	97,4	97,4
Nominal efficiency 50/30°C	%	105,2	105,3	105,1	105	105,3	105,3	105,2
Efficiency at 30%	%	107,6	107,6	107,3	107,4	107,5	107,5	107,2
NOx class (EN 483)		5	5	5	5	5	5	5
Minimum working temperature	°C	-5	-5	-5	-5	-5	-5	-5
Safety valve intervention pressure	bar	3	3	3	3	3	3	3
Heating system max pressure	bar	4	4	4	4	4	4	4
Regulation of water temperature in heating circuit	°C	25/80	25/80	25/80	25/80	25/80	25/80	25/80
Primary circuit water flow (ΔT=20°C)	l/h	1.935	2.795	3.700	4.300	4.800	5.200	6.500
Water content	l	5,1	6,5	13,7	21	23,3	23,3	25,3
Flue tube	ø mm	80	80	100	100	100	100	100
Flue ducts max length	m	30	20	20	20	20	20	20
Maximum flue mass flow rate	kg/s	0,022	0,031	0,041	0,049	0,054	0,059	0,073
Minimum flue mass flow rate	kg/s	0,006	0,007	0,016	0,018	0,019	0,019	0,02
Maximum flue temperature	°C	72	73	78	80	72	77	75
Regulation of water temperature in heating circuit	°C	25/80	25/80	25/80	25/80	25/80	25/80	25/80
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Maximum flue temperature	°C	72	73	78	80	72	77	75
Dimensions (h x w x d)	mm	850x450x621	850x450x693	850x450x801	850x450x871	850x450x1024	850x450x1024	850x450x1132
Net weight	kg	60	68	75	83	95	95	103
Gas type		Nat. gas/LPG	Nat. gas/LPG	Nat. gas/LPG	Nat. gas/LPG	Nat. gas/LPG	Nat. gas/LPG	Nat. gas/LPG
Power consumption	W	90	110	100	160	128	135	235

* Products not available in EU countries