



Floor standing boilers

Rondo - Estelle - Estelle B Inox
Estelle HE - Estelle HE B Inox





The never ending quality

An ideal thermal input and a higher efficiency is what distinguishes the new generation of cast iron oil boilers Rondo and Estelle.

They are available for sole heating or for heating and D.H.W. production (Estelle B Inox range) with an integrated stainless steel tank of 110 litres of capacity.

Each boiler, including all components, are

subjected to very severe laboratory tests to guarantee a quality product and superior performance.

The newly designed combustion chamber, which conforms to DIN standards, allows the boiler to be matched to most burners currently available.



Cast iron boiler block

Keeping with its tradition of high efficient and high quality cast iron, an alloy that keeps its outstanding performances without deterioration, Sime's cast iron actually means quality and reliability. Our cast iron leads to massive energy savings, thanks to its unparalleled thermal inertia. Our design of the sections permits excellent combustion, which reduces emission of harmful gases into the environment. This is the result of Sime's years of consolidated experience in designing cast iron heat exchangers.



Cast iron boiler block

Reliability and high performances

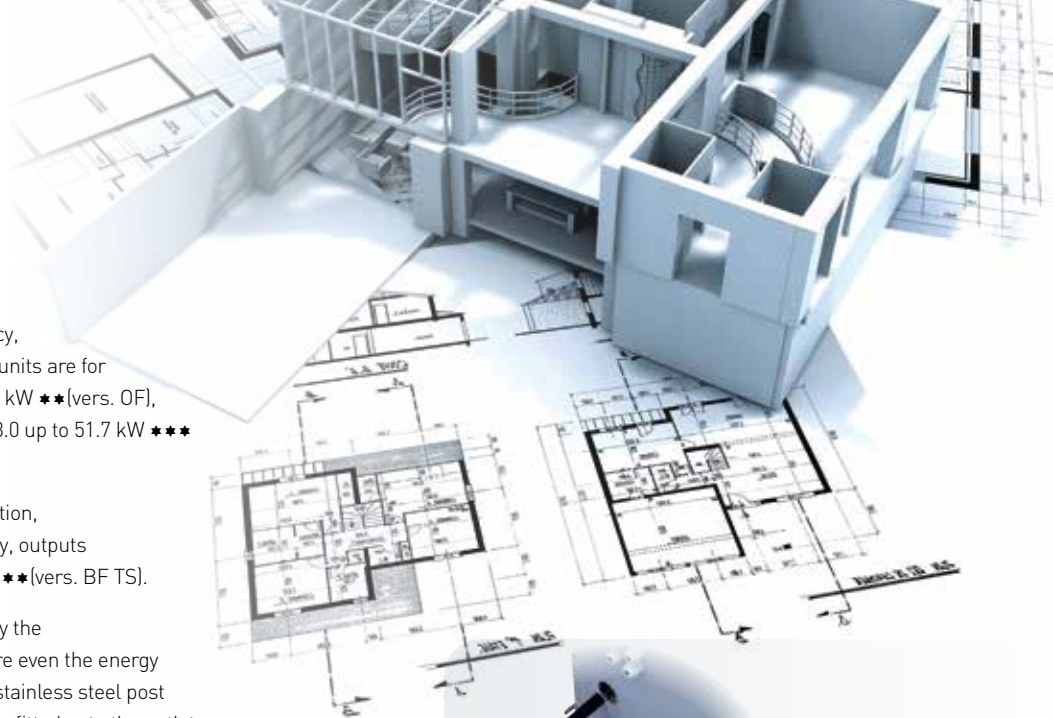
The Rondo-Estelle units are high efficiency, three pass, oil-fired units. Rondo-Estelle units are for central heating only, from: 23.5 up to 57.5 kW ** (vers. OF), 25.0 up to 32.4 kW ** (vers. OF TS) and 43.0 up to 51.7 kW *** (vers. BF TS).

Estelle B Inox units are for D.H.W. production, thru a stainless steel tank of 110 l capacity, outputs of 31.3 and 40 kW **, 25.0 and 32.4 kW *** (vers. BF TS).

The oil boiler range has been enhanced by the addition of the HE condensing units, where even the energy from combustion is recovered within the stainless steel post condenser. This flue gas post condenser is fitted onto the outlet of the appliances and leads to increased energy and higher efficiencies.

Estelle HE is the ideal solution for the central heating needs from 28.8 and 38.8 kW ****.

Estelle HE B Inox is the ultimate combi solution for heating and hot water ****.



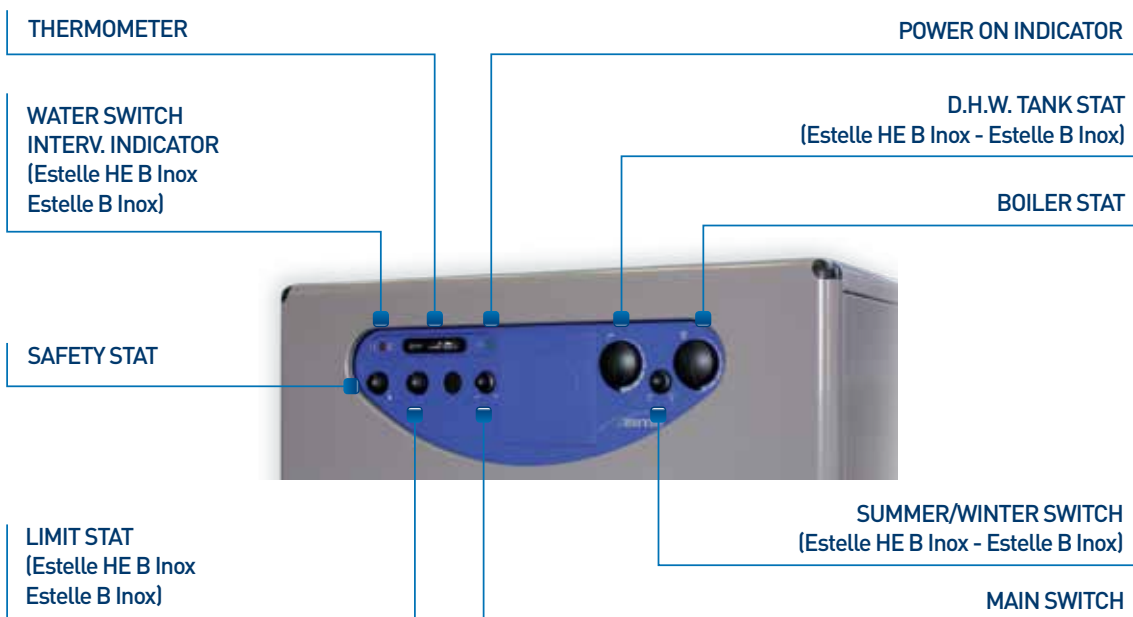
Stainless steel post condensate box

Plentiful hot water

Estelle HE B Inox, equipped with a 110 litres stainless steel rapid hot water tank with a protective magnesium anode and an inspection flange permitting inspection and cleaning, supplies plenty of hot water, always at just the right temperature.

The hot water circuit is separate from the heating circuit to ensure rapid hot water production with low maintenance costs. Efficient insulation made with self-extinguishing polyurethane foam keeps water temperature constant for long periods of time.

Control panel simplicity

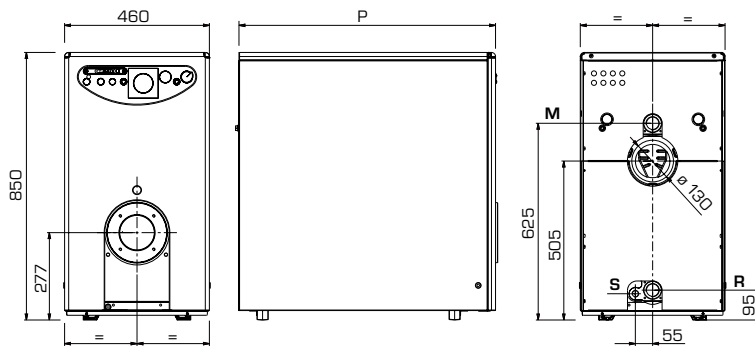


Technical Specification RONDO - ESTELLE RANGE

RANGE		RONDO - ESTELLE					ESTELLE B INOX	
MODEL		3 OF	4 OF/BF TS	5 OF/BF TS	6 OF/OF TS	7 OF/OF TS	4B/BT TS	5B/BF TS
Minimum output	kW	18,9	24,5/-	32,5/-	41,7/-	49,9/-	-	-
Maximum output	kW	23,5	31,3/25,0	40,0/32,4	48,1/43,1	57,5/51,7	31,3/25,0	40,0/32,4
Minimum input	kW	21,1	27,2	36,0/-	46,1/-	55,0/-	-	-
Maximum input	kW	26,2	34,8/27,0	44,3/34,8	53,1/46,1	63,3/55,0	34,8/27,0	44,3/34,8
Sections	n°	3	4	5	6	7	4	5
Water content	l	12,8	16,8	20,8	24,8	28,8	20,3	24,3
Maximum water head	bar	4	4	4	4	4	4	4
Minimum smokes loss of head	mbar	0,05	0,12	0,15	0,30	0,32	-	-
Maximum smokes loss of head	mbar	0,11	0,16	0,21	0,35	0,43	0,16	0,21
D.H.W. tank capacity	l	-	-	-	-	-	110	110
Water flow rate according to EN 625 Normative*	l/min	-	-	-	-	-	19	20
D.H.W. tank maxim. water head	bar	-	-	-	-	-	8	8
Weight	kg	109	135	161	186	212	203	229

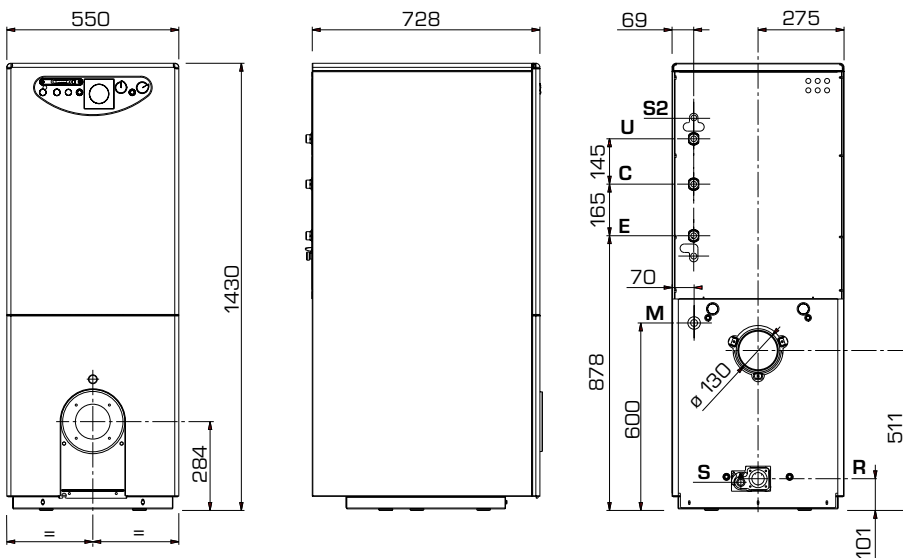
* Test showing the water flow rate - 10 minutes long - Estelle HE B Inox.

Rondo - Estelle



Rondo-Estelle	3	4	5	6	7
P Depth	415	515	615	715	815
M C.H. flow	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
R C.H. return	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
S Drain cock	1/2"	1/2"	1/2"	1/2"	1/2"

Estelle B Inox



Estelle B Inox

M C.H. flow	1"
R C.H. return	1 1/4"
E D.H.W. inlet	3/4"
U D.H.W. outlet	3/4"

Estelle B Inox

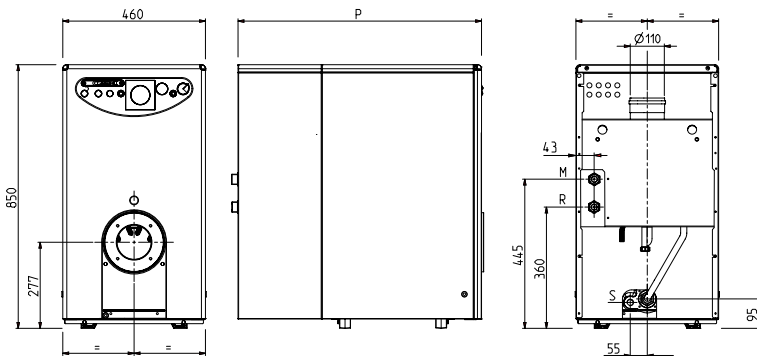
C Re-circulation	3/4"
S Drain cock	
S2 D.H.W. tank safety valve discharge	

Technical Specification ESTELLE HE RANGE

RANGE		ESTELLE HE		
MODEL		4	5	B4 Inox
Output (80-60°C)	kW	28,8	38,8	28,8
Output (50-30°C)	kW	30,3	40,8	30,3
Input	kW	30,0	40,0	30,0
Sections	n°	4	5	4
Water content	l	16,8	20,8	20,3
Maximum water head	bar	4	4	4
Smokes loss of head	mbar	0,13	0,21	0,13
D.H.W. tank capacity	l	-	-	110
Water flow rate according to EN 625 Normative*	l/min	-	-	19
D.H.W. tank maximum water head	bar	-	-	6
Efficiency (SAP 2005)	%	93.2	93.5	90.4
SEDBUK		A	A	A
Weight	kg	135	161	203

* Test showing the water flow rate – 10 minutes long – Estelle HE B Inox.

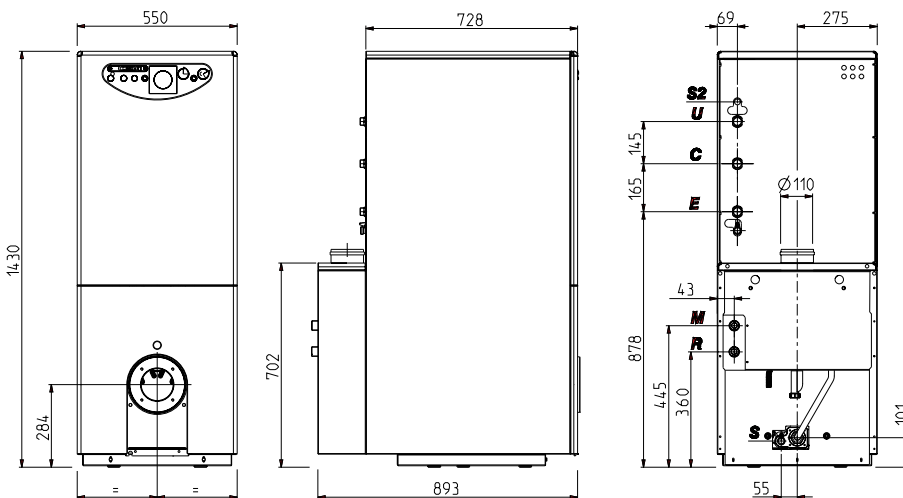
Estelle HE



Estelle HE	4	5
P Depth	785	885
M C.H. flow	1"	1"

Estelle HE	4	5
R C.H. return	1"	1"
S Drain cock	1/2"	1/2"

Estelle HE B Inox



Estelle HE B Inox	
M C.H. flow	1"
R C.H. return	1"
E D.H.W. inlet	3/4"
U D.H.W. outlet	3/4"

Estelle HE B Inox	
C Re-circulation	3/4"
S Drain cock	
S2 D.H.W. tank safety valve discharge	



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