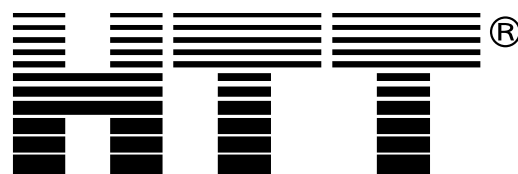


energy
sheet



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Technical data

Fired heaters

wtö 3000 – 15000 kW
(horizontal design)



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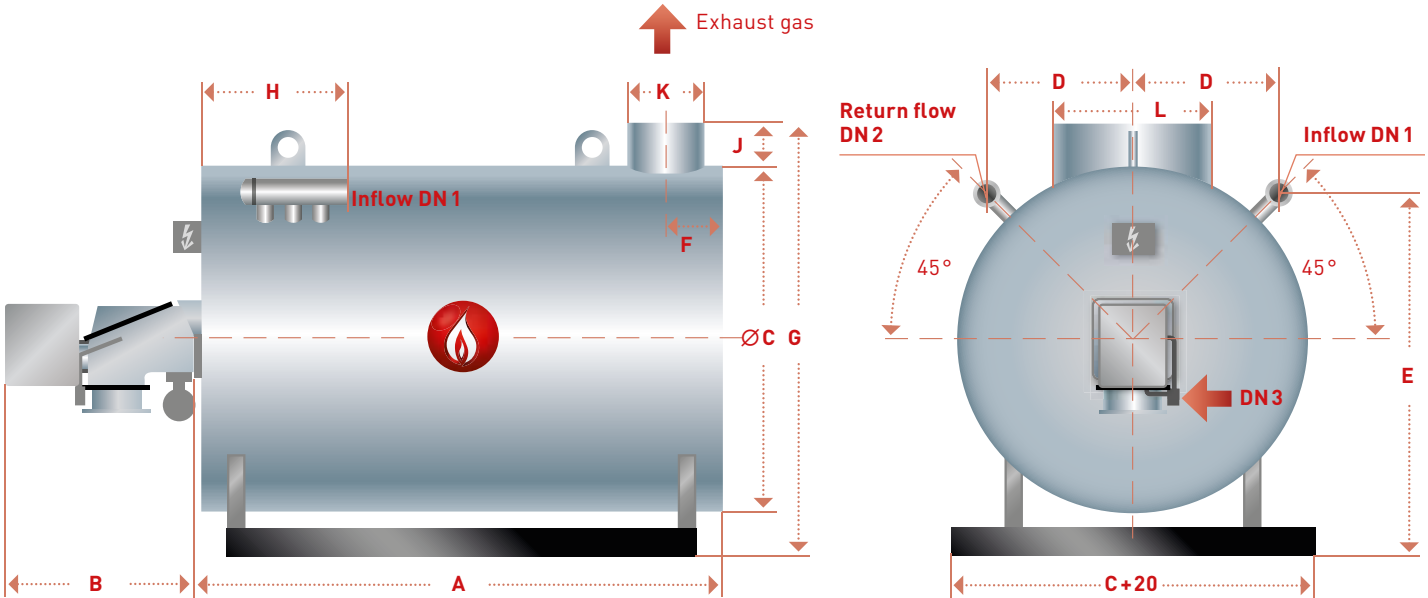
Dimension sheet fired heaters

wtö 3000 – 15000 kw horizontal design



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Thermal oil heaters

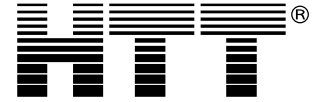


Type	DN 1	DN 2	Weight empty [to]	Content [ltr]	A	C	D	E	F	G	H	J	K	L
wtö 3000A	200	200	7.1	3200	4270	2350	980	2300	430	2590	580	100	350	700
wtö 3750A	200	200	8.2	3700	4450	2500	1030	2420	450	2740	580	100	400	800
wtö 4500A	200	200	10.4	5100	4860	2690	1100	2580	480	2930	580	100	450	900
wtö 5750A	200	200	12.4	5600	5580	2870	1160	2730	500	3110	770	100	500	1000
wtö 7000A	200	200	14.1	6100	6230	3000	1210	2850	530	3240	860	100	550	1100
wtö 8500A	200	200	18.1	8100	6880	3150	1260	3040	550	3450	910	100	600	1200
wtö 10000A	250	250	22.0	10800	7400	3370	1360	3240	580	3670	1040	100	650	1300
wtö 12000A	250	250	25.4	12800	8150	3520	1410	3370	610	3820	1040	100	725	1450
wtö 15000A	250	250	33.4	17100	9100	3910	1550	3700	650	4210	1040	100	800	1600

B = Depending on type of burner (1200 ... 1700mm). Dimensions of 2-pass design refer to separate data sheet.
 Dimensions in mm / Caution: Dimensions may deviate in case of order.

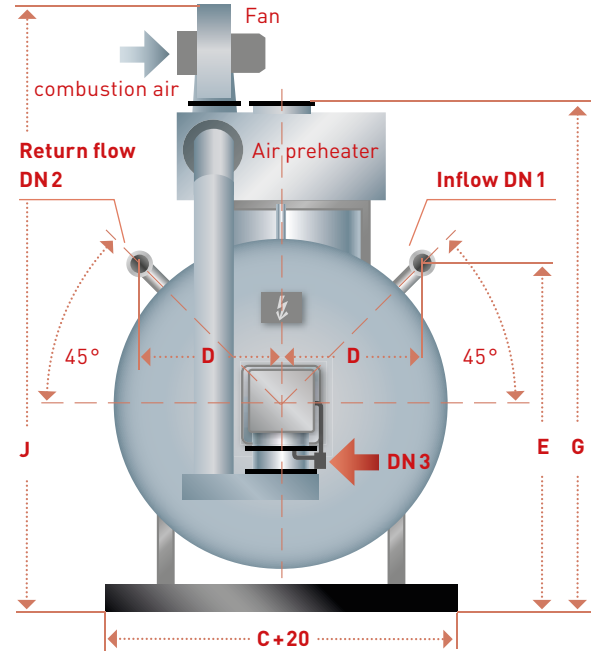
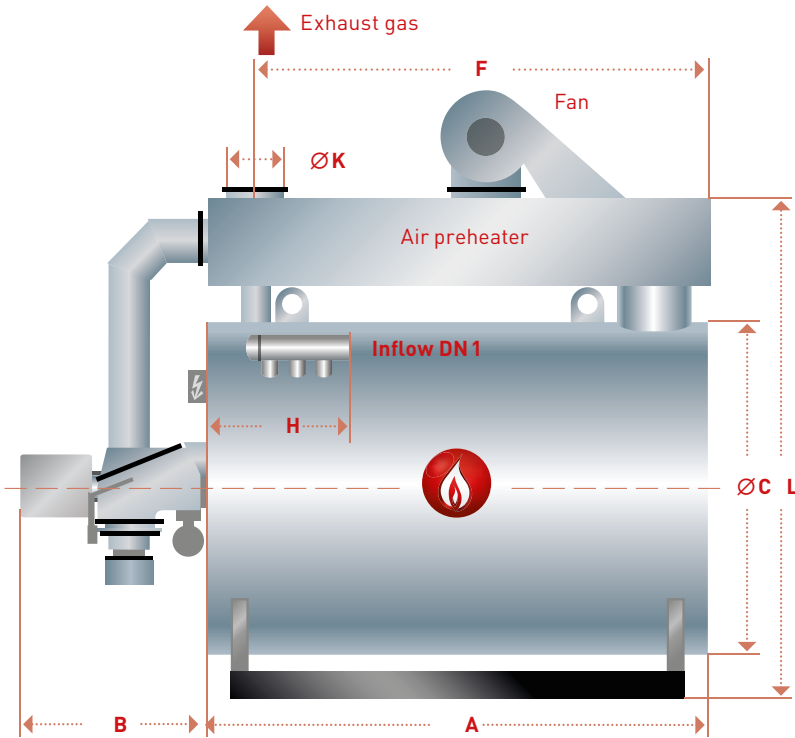
Dimension sheet fired heaters

wtö 3000 – 15000 kw horizontal design



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Thermal oil heaters with air preheater



Type	DN 1	DN 2	Weight empty [to]	Content [ltr]	A	C	D	E	F	G	H	J	K	L
wtö 3000A	200	200	10.5	3200	4270	2350	980	2300	3800	3890	580	4810	630	3790
wtö 3750A	200	200	12.6	3700	4450	2500	1030	2420	3990	4210	580	5130	630	4110
wtö 4500A	200	200	15.5	5100	4860	2690	1100	2580	4350	4380	580	5300	710	4280
wtö 5750A	200	200	19.0	5600	5580	2870	1160	2730	5080	4810	770	5890	710	4710
wtö 7000A	200	200	22.0	6100	6230	3000	1210	2850	5680	4890	860	5980	800	4790
wtö 8500A	200	200	27.0	8100	6880	3150	1260	3040	6330	5330	910	6410	800	5230
wtö 10000A	250	250	33.0	10800	7400	3370	1360	3240	6800	5470	1040	6570	900	5370
wtö 12000A	250	250	39.0	12800	8150	3520	1410	3370	7550	5870	1040	6970	900	5770
wtö 15000A	250	250	49.0	17100	9100	3910	1550	3700	8390	6460	1040	7560	1120	6360

B = Depending on type of burner (1200...1700 mm). Dimensions valid for insulation = 100mm. Rough dimensions only for planning. Weight incl. air preheater and blower. All dimensions and weights are valid only for gas and fuel oil EL (3-pass design).

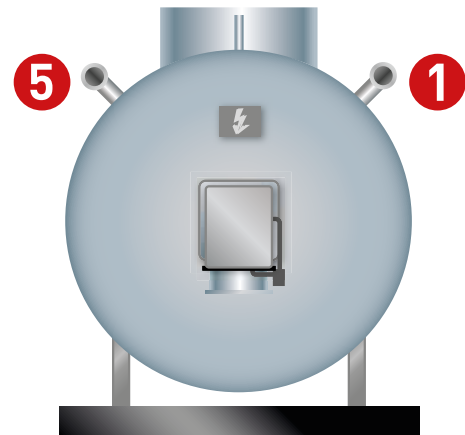
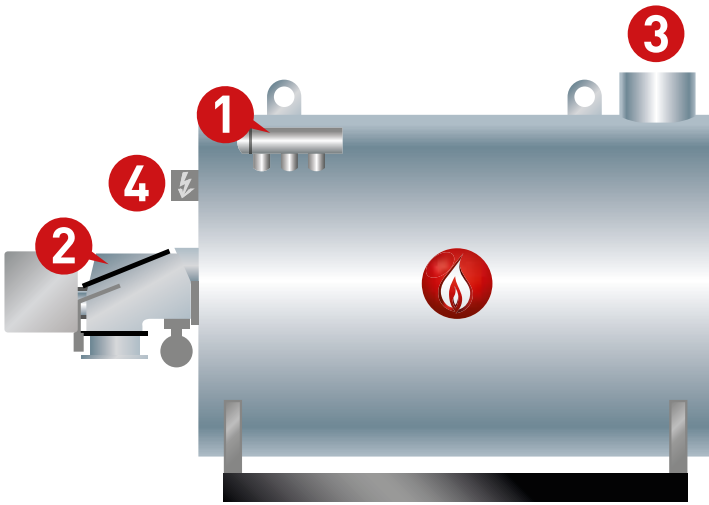
Dimensions in mm / Caution: Dimensions may deviate in case of order.

Dimension sheet fired heaters

wtö 3000 – 15000 kw horizontal design



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- 1 Inflow
- 2 Burner
- 3 Flue gas connection
- 4 Junction box
- 5 Return flow

Construction

Max. allowable temperature (TS): 300/350/max. 400 °C

Max. allowable pressure (PS): 10/max. 21 bar

Material

Metal plates:

P 265 GH/S 235 JR
(old: H II/St 37-2)

Pipes: P 235 G1 TH/P 235 G2
(old: St 35.81/St 37.81)

Flanges: C22.8

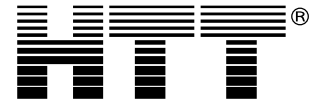
Installation according to:

- ZTA heating room recommendation
- DIN 4754 (German Standard "Heat transfer plants")
- Building regulations

Maintenance space on all sides appr.
800 mm

Caution: Dimensions may deviate in case of order. / Subject to change.

Dimension sheet fired heaters
wtö 3.000 – 15.000 kw horizontal design



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Dimension sheet fired heaters
wtö 3.000 – 15.000 kw horizontal design



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Dimension sheet fired heaters
wtö 3.000 – 15.000 kw horizontal design



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Dimension sheet fired heaters
wtö 3.000 – 15.000 kw horizontal design



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