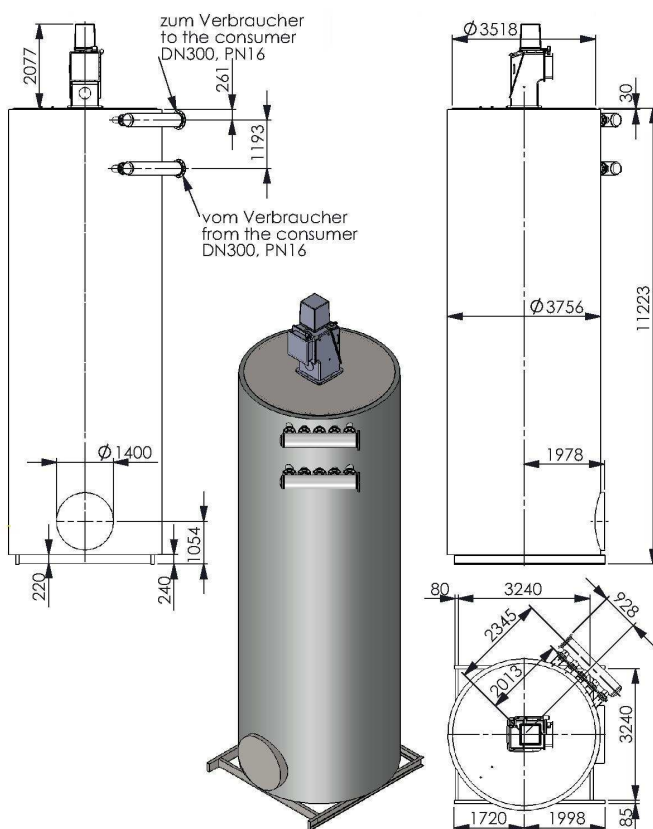


## Heater type: TV-150



Nominal capacity	15000 kW
Thermal fluid content	16698 l
Weight without filling	37500 kg
Nominal thermal fluid volume flow	1056 m <sup>3</sup> /h
Thermal fluid pressure drop	26 m flc.
Design temperature	300 °C
Temperature difference outlet - inlet	25 K
Heating surface	458,56 m <sup>2</sup>
Insulation thickness	150 mm
Recommended pump size @ 15mflc remaining height to provide consumers	250-400
Recommended motor power	160 kW

	<b>LFO firing</b>	<b>Natural Gas firing</b>
Thermal efficiency:	85,45 %	84,55 %
Fuel consumption:	1480,05 kg/h	1774,10 Nm <sup>3</sup> /h
Furnace pressure drop:	1678 Pa	1728 Pa
Combustion air consumption:	19740 Nm <sup>3</sup> /h	19101 Nm <sup>3</sup> /h
Exhaust gas outlet volume flow:	20946 Nm <sup>3</sup> /h	21047 Nm <sup>3</sup> /h
Exhaust gas outlet temperature:	333 °C	335 °C
Specific furnace load:	392 kW/m <sup>3</sup>	396 kW/m <sup>3</sup>