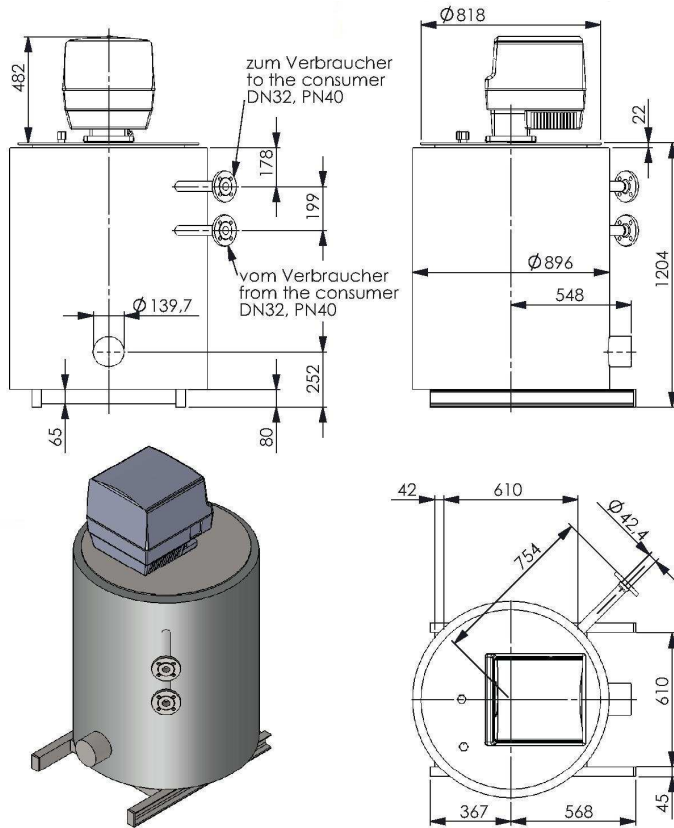


Heater type: TV - 01



Nominal capacity	100kW
Thermal fluid content	36 l
Weight without filling	495 kg
Nominal thermal fluid volume flow	7,04 m ³ /h
Thermal fluid pressure drop	26 m flc.
Design temperature	300 °C
Temperature difference outlet - inlet	25 K
Heating surface	6,1 m ²
Insulation thickness	120mm
Recommended pump size @ 15mflc remaining height to provide consumers	25-200
Recommended motor power	4,0kW

	LFO firing	Natural Gas firing
Thermal efficiency:	87,36 %	86,62 %
Fuel consumption:	9,65 kg/h	11,54 Nm ³ /h
Furnace pressure drop:	313 Pa	326 Pa
Combustion air consumption:	128 Nm ³ /h	124 Nm ³ /h
Exhaust gas outlet volume flow:	137 Nm ³ /h	137 Nm ³ /h
Exhaust gas outlet temperature:	292 °C	293 °C
Specific furnace load:	832 kW/m ³	832 kW/m ³