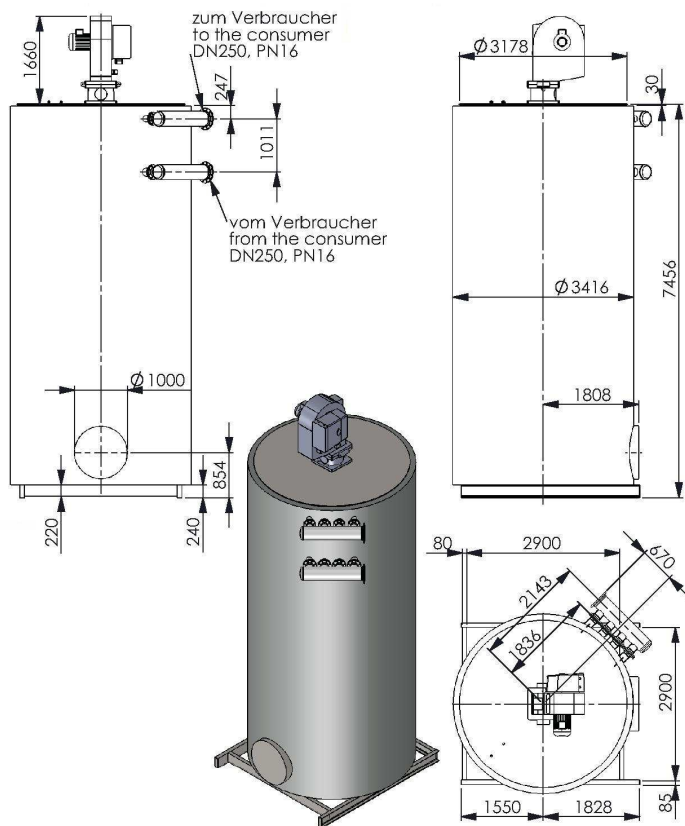




|                                                                      |                       |
|----------------------------------------------------------------------|-----------------------|
| Nominal capacity                                                     | 8000 kW               |
| Thermal fluid content                                                | 7853 l                |
| Weight without filling                                               | 22950 kg              |
| Nominal thermal fluid volume flow                                    | 563 m <sup>3</sup> /h |
| Thermal fluid pressure drop                                          | 27 m flc.             |
| Design temperature                                                   | 300 °C                |
| Temperature difference outlet - inlet                                | 25 K                  |
| Heating surface                                                      | 260,23 m <sup>2</sup> |
| Insulation thickness                                                 | 150 mm                |
| Recommended pump size @ 15mflc remaining height to provide consumers | 200-400               |
| Recommended motor power                                              | 90 kW                 |

|                                 | LFO firing               | Natural Gas firing        |
|---------------------------------|--------------------------|---------------------------|
| Thermal efficiency:             | 85,80 %                  | 84,88 %                   |
| Fuel consumption:               | 786,14 kg/h              | 942,51 Nm <sup>3</sup> /h |
| Furnace pressure drop:          | 1409 Pa                  | 1469 Pa                   |
| Combustion air consumption:     | 10485 Nm <sup>3</sup> /h | 10147 Nm <sup>3</sup> /h  |
| Exhaust gas outlet volume flow: | 11126 Nm <sup>3</sup> /h | 11181 Nm <sup>3</sup> /h  |
| Exhaust gas outlet temperature: | 325 °C                   | 329 °C                    |
| Specific furnace load:          | 365 kW/m <sup>3</sup>    | 369 kW/m <sup>3</sup>     |