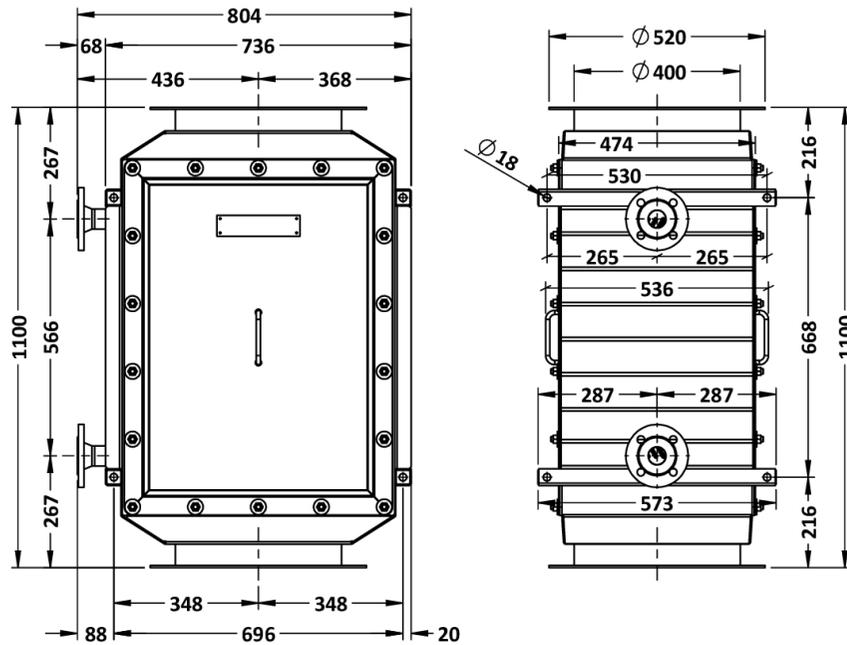


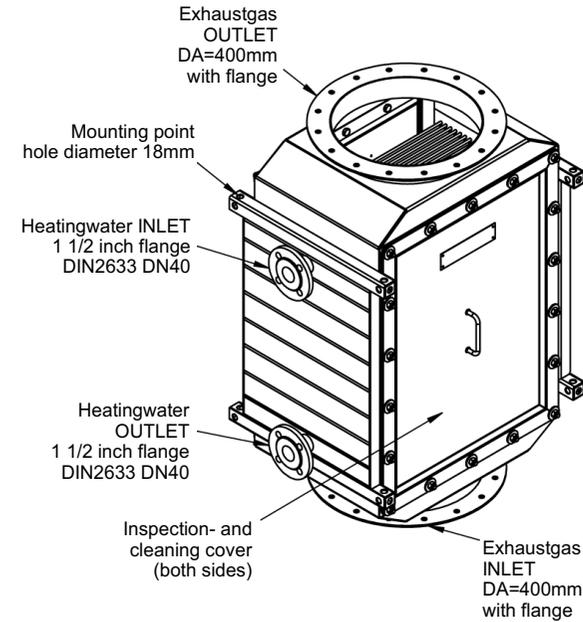
**FERCHER flue gas heatexchanger type FW-600 - Datasheet**



General		Flue gas	
Model-name / Type:	<b>FW-600</b>	Maximum-Flowrate:	<b>7 000 m³/h</b>
Construction-Type:	<b>Fully welded</b>	Max. allowed temperature:	<b>500 °C</b>
Material:	<b>AISI 316Ti AISI 316L</b>	Max. allowed pressure:	<b>3 000 Pa (30 mBar)</b>
<b>External Dimensions</b>		Flue gas-Inlet:	<b>flange DN400</b>
Length:	<b>808 mm</b>	Flue gas-Outlet:	<b>flange DN400</b>
Width:	<b>573 mm</b>	<b>Heating-Water</b>	
Height:	<b>1 100 mm</b>	Nominal-Flowrate:	<b>1,5 L/s</b>
<b>Weights</b>		Max. allowed temperature:	<b>110,0 °C</b>
Empty weight:	<b>302 kg</b>	Max. allowed pressure:	<b>6 bar</b>
Internal-Volume:	<b>42 L</b>	Heating-Water inlet (DIN2633):	<b>1 1/2 inch flange</b>
Operating-Weight:	<b>344 kg</b>	Heating-Water outlet (DIN2633):	<b>1 1/2 inch flange</b>

**Cleaning:** Manual cleaning (for instance with brush/pressure-cleaner/steam) is possible without disassembling the heatexchanger, just take off the panels (exhaust-gas flow must be off).

**Exhaustgas-Connections:** Included: 2 pcs. loose counter-flanges (for exhaustgas-connection) and 2 pcs. exhaustgas-flange-gaskets. Above mentioned weights include the weight for these counter-flanges and gaskets.



## FERCHER flue gas heatexchanger type **FW-600** - Characteristic curves

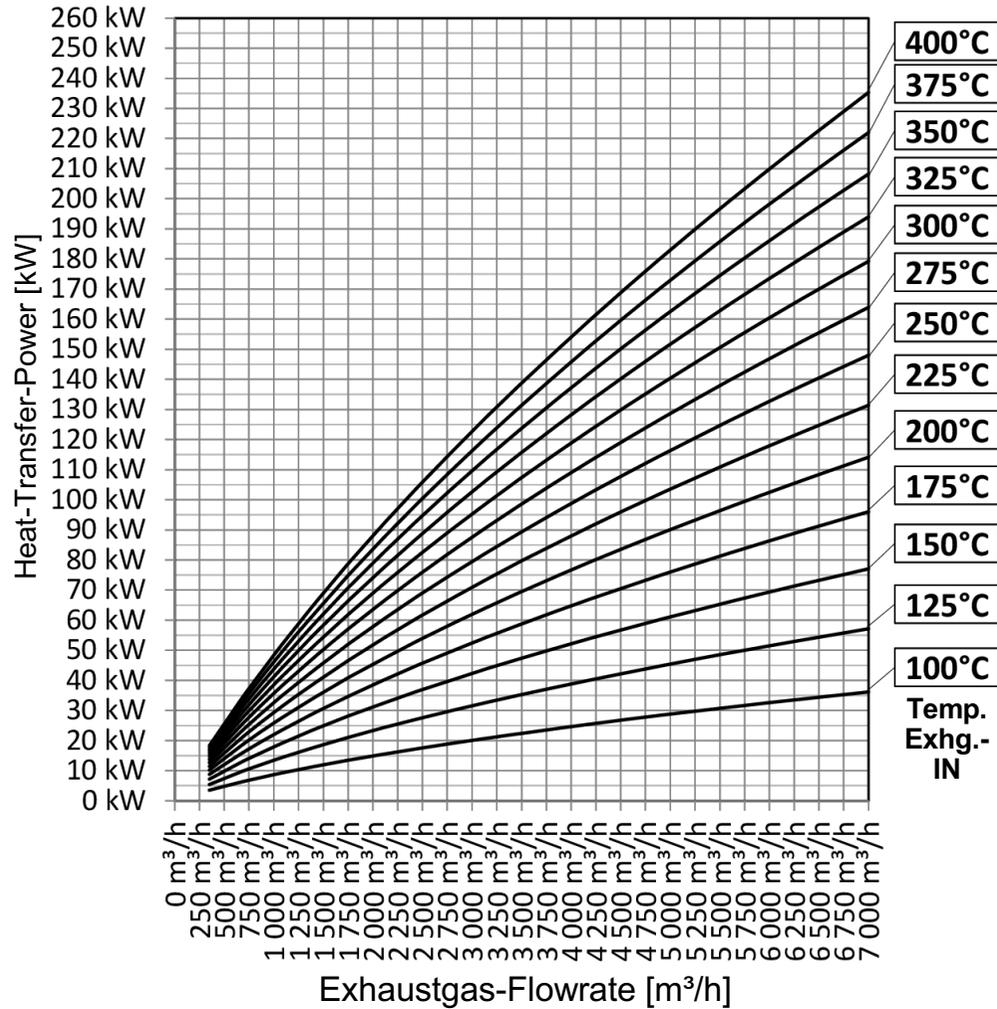
Following characteristics are valid for the following operation (Exhaustgas from Gas/Oil-Burner), Heatingwater-Temperature-IN: 60 °C, Volume-Flow: 1,5 L/s (=5,4 m³/h)

Heatingwater pressuredrop at 1,5 L/s Volume-Flow: 0,1 bar

Exhaust-gas flowrates are real volume flow rates, reference temperature is exhaust-gas IN temperature

For special/individual calculations please contact us at [office@fercher.at](mailto:office@fercher.at). We gladly help you with choosing the correct heatexchanger and with calculations.

**Performance curves**



**Flue gas pressuredrop [Pa]**

