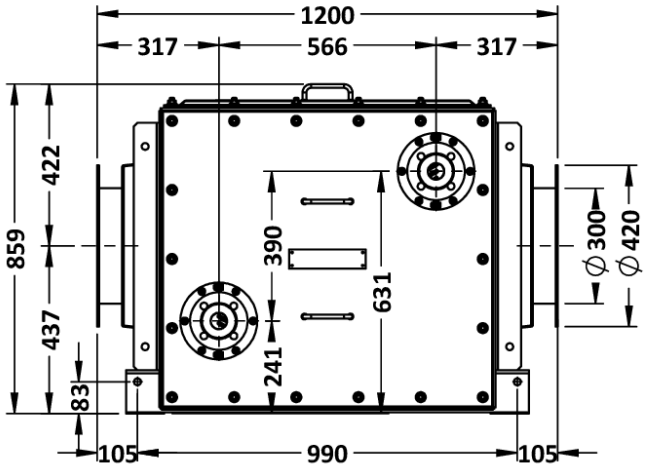
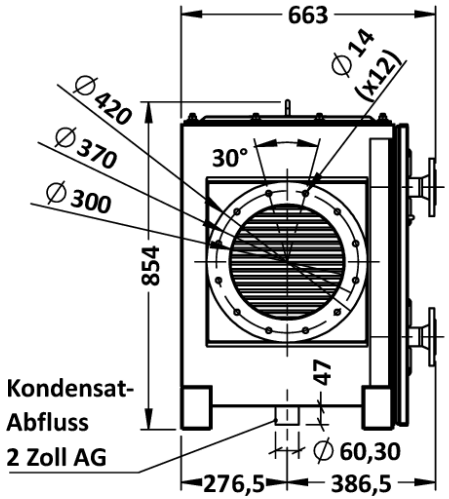
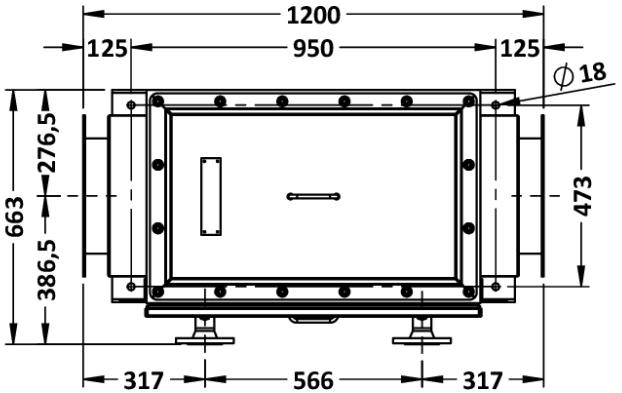
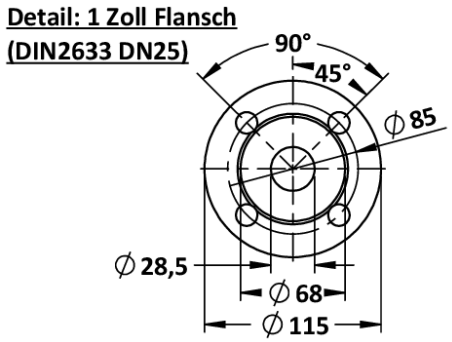
FERCHER GmbH
FERCHER GmbH, St. Thomas 10, 9400 Wolfsberg, Austria
VATIN: ATU70480437
Corporate register number: FN 448037 d
Commercial court: Landesgericht Klagenfurt
phone: +43 676 606 95 40
web: www.fercher.at
e-mail: office@fercher.at

FERCHER flue gas heatexchanger type **FW-400-10-H-A** - Datasheet







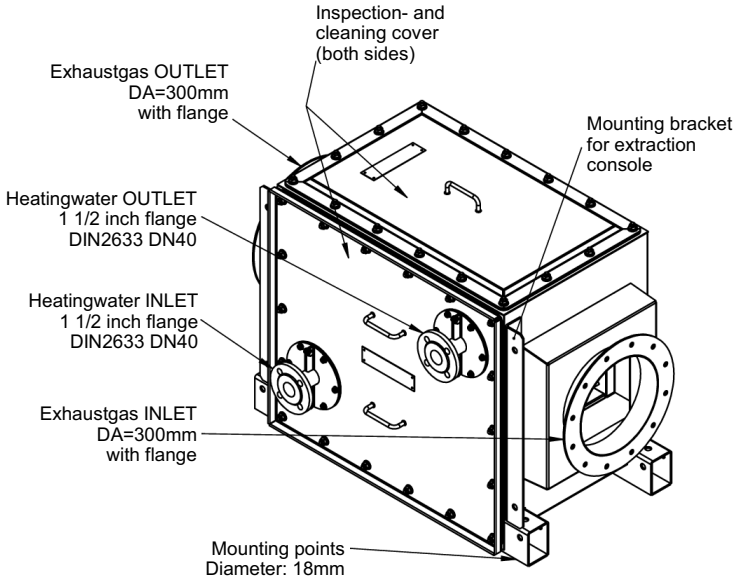


General	
Model-name / Type:	**FW-400-10-H-A**
Construction-Type:	**Fully welded**
Material:	**AISI 316Ti** **AISI 316L**
External Dimensions	
Length:	**1 200 mm**
Width:	**663 mm**
Height:	**859 mm**
Weights	
Empty weight:	**316 kg**
Internal-Volume:	**35 L**
Operating-Weight:	**351 kg**

Flue gas	
Maximum-Flowrate:	**5 000 m³/h**
Max. allowed temperature:	**500 °C**
Max. allowed pressure:	**3 000 Pa (30 mbar)**
Flue gas-Inlet:	**flange DN300**
Flue gas-Outlet:	**flange DN300**
Heating-Water	
Nominal-Flowrate:	**1,0 L/s**
Max. allowed temperature:	**110,0 °C**
Max. allowed pressure:	**10 bar**
Heating-Water inlet (DIN2633):	**1 1/2 inch flange**
Heating-Water outlet (DIN2633):	**1 1/2 inch flange**

Extractable Heatexchanger-Modules: All heatexchanger-modules can be extracted with the use of the FERCHER extraction-console. Afterwards the heatexchanger module can be cleaned or lifted away. The extraction-console is not part of the heatexchanger and will be offered separately.

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.



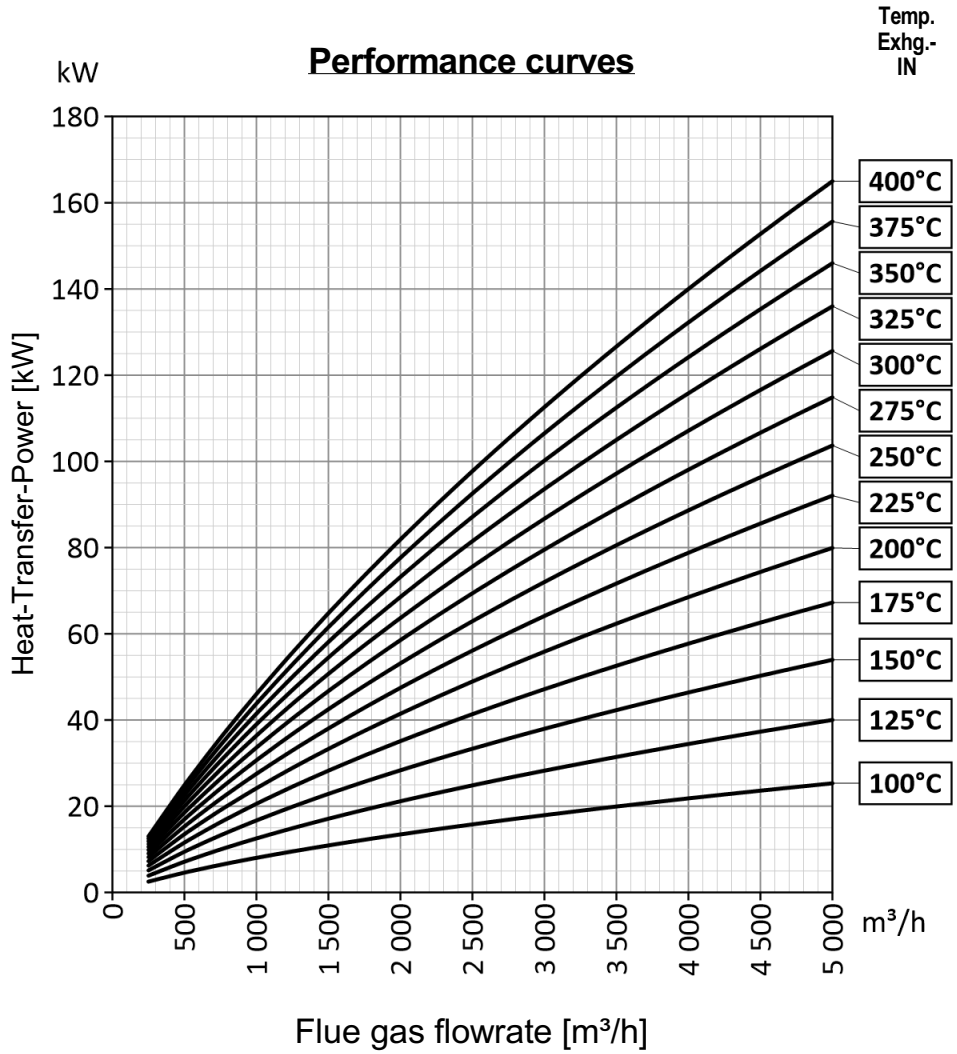
Technical changes in the interest of technical progress are reserved. Errors excepted. This document is the unrestricted intellectual property of FERCHER GmbH.

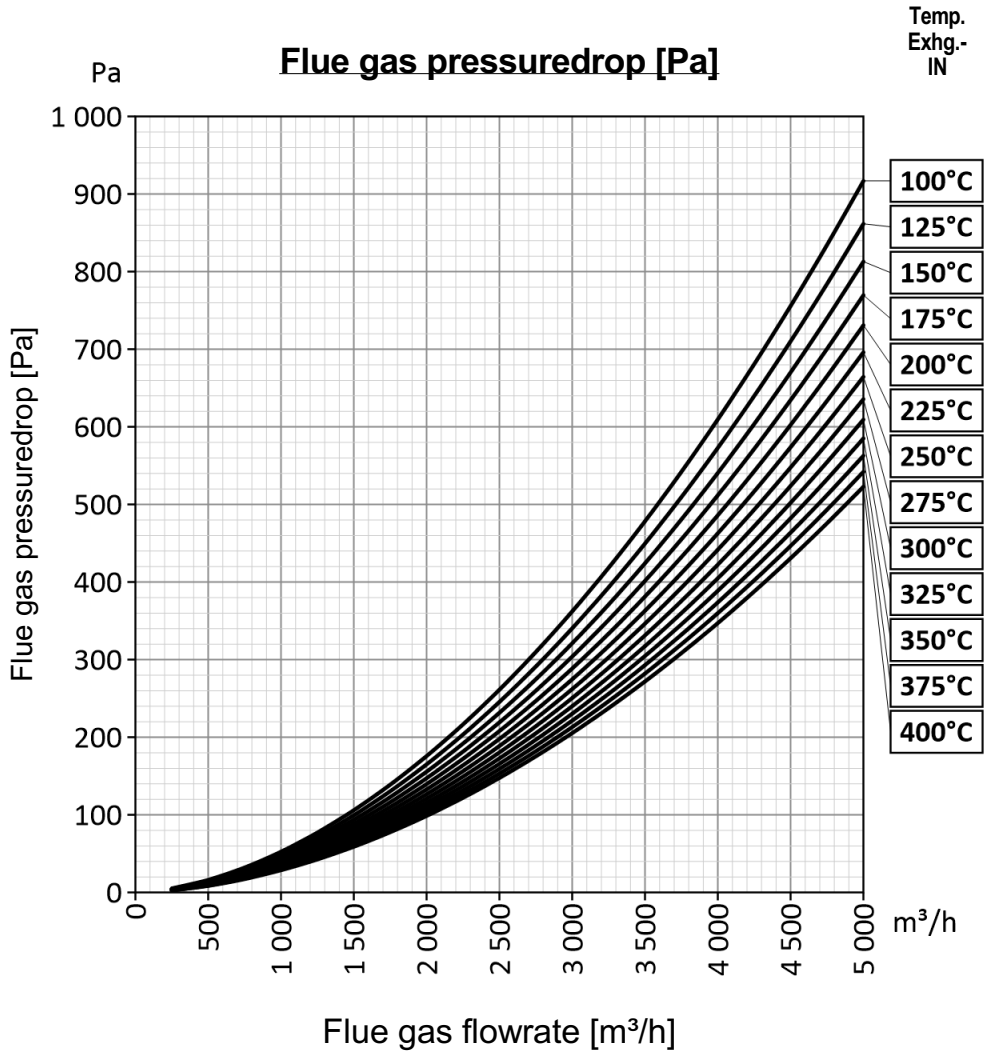
FERCHER GmbH
FERCHER GmbH, St. Thomas 10, 9400 Wolfsberg, Austria
VATIN: ATU70480437
Corporate register number: FN 448037 d
Commercial court: Landesgericht Klagenfurt
phone: +43 676 606 95 40
web: www.fercher.at
e-mail: office@fercher.at

FERCHER flue gas heatexchanger type **FW-400-10-H-A** - Characteristic curves

Following characteristics are valid for the following operation (Exhaustgas from Gas/Oil-Burner) , Heatingwater-Temperature-IN: **60 °C**, Volume-Flow: **1,0 L/s (=3,6 m³/h)**
Heatingwater pressuredrop at 1,0 L/s Volume-Flow: 0,1 bar
Flue gas flowrates are real volume flow rates, reference temperature is flue gas IN temperature

*For special/individual calculations please contact us at **office@fercher.at**. We gladly help you with choosing the correct heatexchanger and with calculations.*





Technical changes in the interest of technical progress are reserved. Errors excepted. This document is the unrestricted intellectual property of FERCHER GmbH.