

Pressure drop chart

Water temperature 80 °C

Surface roughness $\epsilon = 0.045 \text{ mm}$

(1 mmWS = 9.81 Pa)

$\dot{m} \approx \frac{Q \cdot 860}{\Delta T}$	\dot{m} =	Flow rate in kg/h
	Q =	Power requirement in kW
	ΔT =	Temperature difference, VL(flow)/RL(return) in °C

