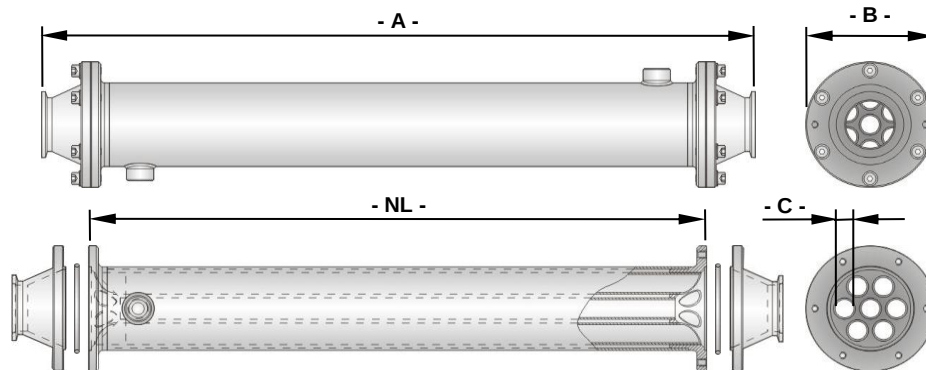


Heat Exchanger WT for carrier-gas systems



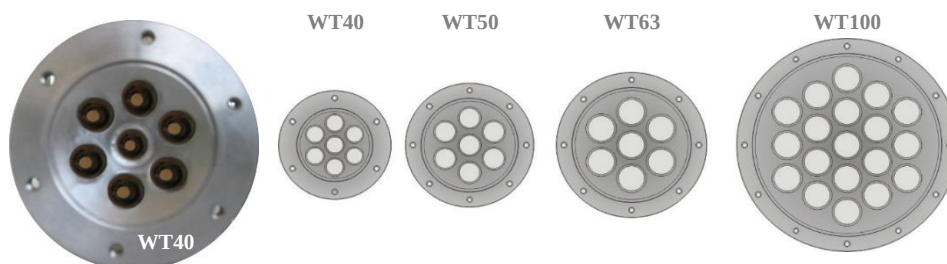
application

WT Heat Exchanger provides cooling of multi-phase flows with low to medium solid-load in aerodynamic systems at continuous/semi-continuous processing preferably in vertical assembly at utmost low barrier effect achieved by steep-conical flow-in and flow-out sections, dead-zone free.



technical data, dimensions

unit size	WT40-	WT50-	WT63-	WT100-
for Simoloyer® conti-s1	CM01/CM08	CM08/CM20	CM20/CM100	CM400/CM900
port 1 (flow in)	DN40	DN50	DN63	DN100
port 2 (flow out)	DN40	DN50	DN63	DN100
port 3 (cooling)	G 3/8	G 1/2	G 3/4	G 1
cooling length -NL- [mm]	500, 750, 1000			
unit length -A- [mm]	NL + 80	NL + 90	NL + 100	NL + 130
flange width -B- [mm]	105	120	140	205
nominal width -C- [mm]	NW15	NW19	NW24	NW24
number of cooling pipes	7	7	7	19
surface-factor OFF	3.5	3.1	3.0	4.9
cross-section-factor QSF	1.5	1.2	1.2	1.1
net weight NL = 500	7.2 kg	8.8 kg	12.5 kg	28.0 kg
net weight NL = 750	9.2 kg	11.2 kg	16.1 kg	36.3 kg
net weight NL = 1000	11.1 kg	13.6 kg	19.7 kg	44.6 kg
operation press. & temp.	2 bar max., 50 °C max.			
ports & material	standard-KF, stainless steel 1.4301			
definition example	Heat Exchanger WT40-500 (DN40 x 500 cooling length NL)			



optionens

• temperature measurement; • extension cooling block Simoloyer®; • quick connecting & supports



technical data subject to alterations