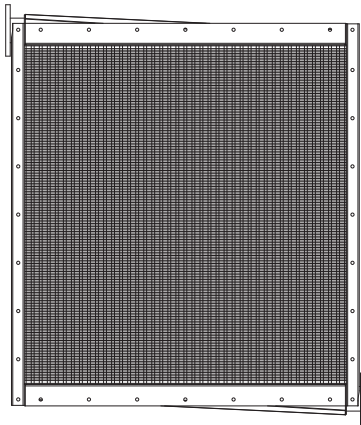
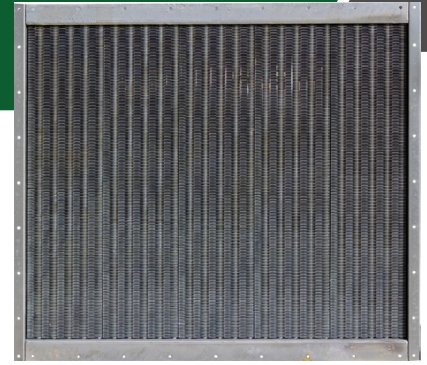




DRYING HEAT EXCHANGER VE-46

GENERAL

Brand	Cimbria
Designation	Heat exchanger
Model	VE-46
Use	Industry
Application	Heating air for use in Cimbria continuous flow dryers.



DIMENSIONS

Overall width	1 118 mm
Overall height	1 306 mm
Overall depth	200 mm

TECHNICAL DATA

Maximum pressure PS	5.5 bar
Maximum temperature TS _{max}	162°C
Minimum temperature TS _{min}	138°C
Identification of fluid	Steam
Internal volume V	27 L
Safety accessories set pressure	5.8 bar
Equipment output	217 kW
Tare mass	195 kg
Fluid group	II

COMPLIANCE

EU pressure equipment legislation	Yes
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ENVIRONMENTAL CONDITIONS

Environment	Indoors or outdoors
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MATERIALS

Frame, tube and fins	Steel, hot-dip galvanized (internal and external)
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LIFETIME

Intended life limit	20 years
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EQUIPMENT OUTPUT

Steam pressure Bar(g)	Steam temperature °C	Air volume flow m ³ /h	Air resistance Pa	Air temperature °C	Steam volume flow m ³ /h	Effect kW
2.5	138	4 800	13	102	195	116
		7 200	24	95	265	158
		9 600	42	88	328	195
4	152	4 800	13	109	215	125
		7 200	24	102	293	169
		9 600	42	96	364	209
5.5	162	4 800	13	111	214	123
		7 200	24	105	299	172
		9 600	42	99	376	217

* Test conditions: Ambient temperature: 15°C; Relative humidity: 75%