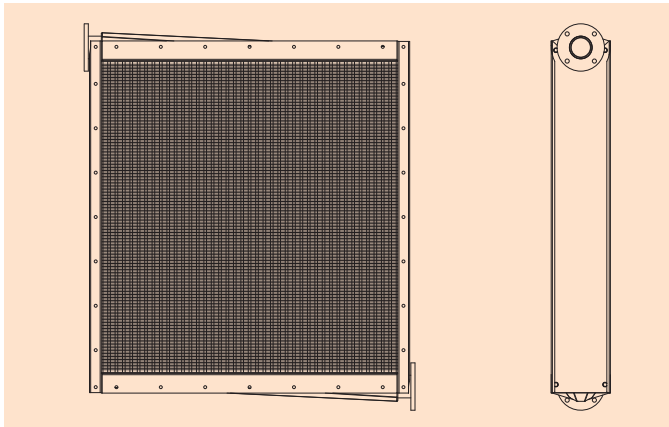


HEAT EXCHANGER VE-46

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

VOLUME AND WEIGHT

Volumetric capacity	27 l
Weight, empty	195 kg

STEAM SUPPLY

Steam temperature, maximum	162°C
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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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PERFORMANCE

Steam pressure Bar(g)	Steam temperature °C	Air volume flow m³/h	Air resistance Pa	Air temperature °C	Steam volume flow m³/h	Effect kW
2.5	138	6 000	18	98	231	147
		9 000	37	90	313	186
		12 000	67	82	386	230
4	152	6 000	18	106	255	158
		9 000	37	97	347	199
		12 000	67	90	428	244
5.5	162	6 000	18	108	257	160
		9 000	37	100	357	206
		12 000	67	93	445	257

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