

HEAT EXCHANGER VE-56

GENERAL

Brand	Cimbria
Designation	Heat exchanger
Model	VE-56
Use	Industry
Application	Heating air for use in Cimbria continuous flow dryers.

DIMENSIONS

Overall width	1 368 mm
Overall height	1 306 mm
Overall depth	200 mm

VOLUME AND WEIGHT

Volumetric capacity	34 l
Weight, empty	340 kg

STEAM SUPPLY

Steam temperature, maximum	162°C
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COMPLIANCE

EU pressure equipment legislation	Yes
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ENVIRONMENTAL CONDITIONS

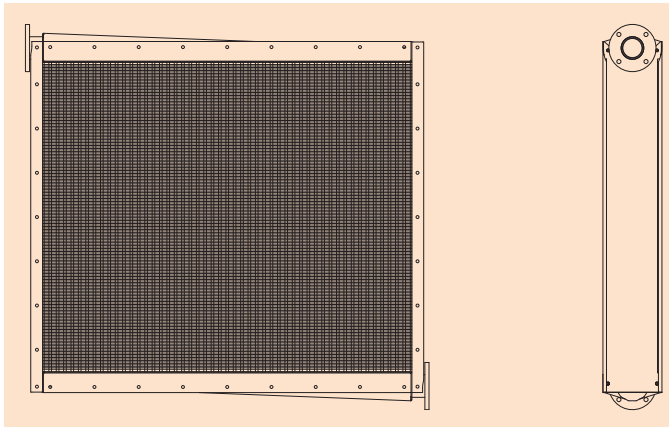
Environment	Indoors or outdoors
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MATERIALS

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	13	93	275	162
		9 000	24	83	366	217
		12 000	42	75	441	262
4	152	6 000	13	101	307	179
		9 000	24	92	408	240
		12 000	42	84	494	292
5.5	162	6 000	13	103	323	181
		9 000	24	94	438	245
		12 000	42	86	535	298

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