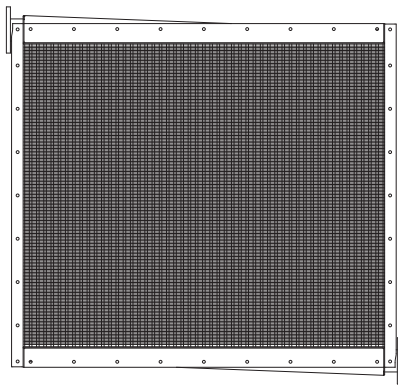
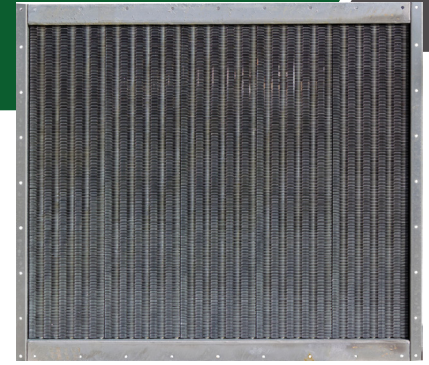




# HEAT EXCHANGER VE-54

## GENERAL

Brand	Cimbria
Designation	Heat exchanger
Model	VE-54
Use	Industry
Application	Heating air for use in Cimbria continuous flow dryers.



## DIMENSIONS

Overall width	1 368 mm
Overall height	956 mm
Overall depth	200 mm

## TECHNICAL DATA

Maximum pressure PS	5.5 bar
Maximum temperature TS <sub>max</sub>	162°C
Minimum temperature TS <sub>min</sub>	138°C
Identification of fluid	Steam
Internal volume V	29 L
Safety accessories set pressure	5.8 bar
Equipment output	199 kW
Tare mass	230 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 <sup>3</sup> /h	Air resistance Pa	Air temperature °C	Steam volume flow m <sup>3</sup> /h	Effect kW
2.5	138	4 000	13	90	183	108
		6 000	24	82	244	145
		8 000	42	74	294	175
4	152	4 000	13	96	205	119
		6 000	24	89	272	160
		8 000	42	83	329	195
5.5	162	4 000	13	100	215	121
		6 000	24	92	306	163
		8 000	42	85	357	199

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