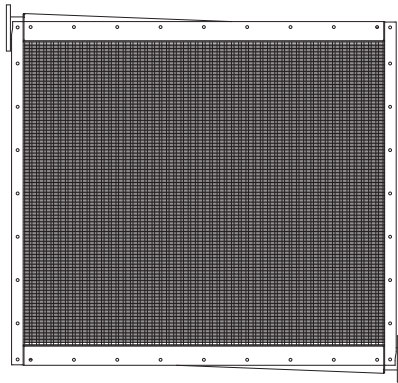
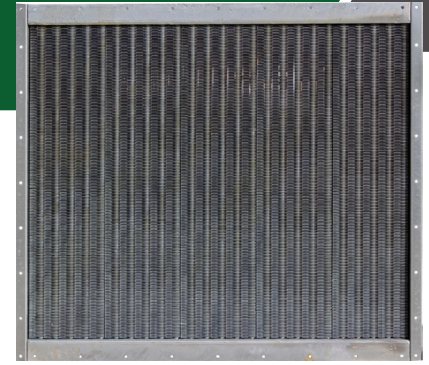




HEAT EXCHANGER VE-56

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

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	34 L
Safety accessories set pressure	5.8 bar
Equipment output	298 kW
Tare mass	340 kg
Fluid group	II

COMPLIANCE

EU pressure equipment legislation	Yes
-----------------------------------	-----

ENVIRONMENTAL CONDITIONS

Environment	Indoors or outdoors
-------------	---------------------

MATERIALS

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

LIFETIME

Intended life limit	20 years
---------------------	----------

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	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%