



A-CAT SERIES

OIL VAPOURS CATALYSATOR

4 to 11 bar
operating pressure

1,5 to 55°C
inlet air temperature range

DN15 to DN100
connections

100 to 2500 Nm³/h
flow rate

DESCRIPTION

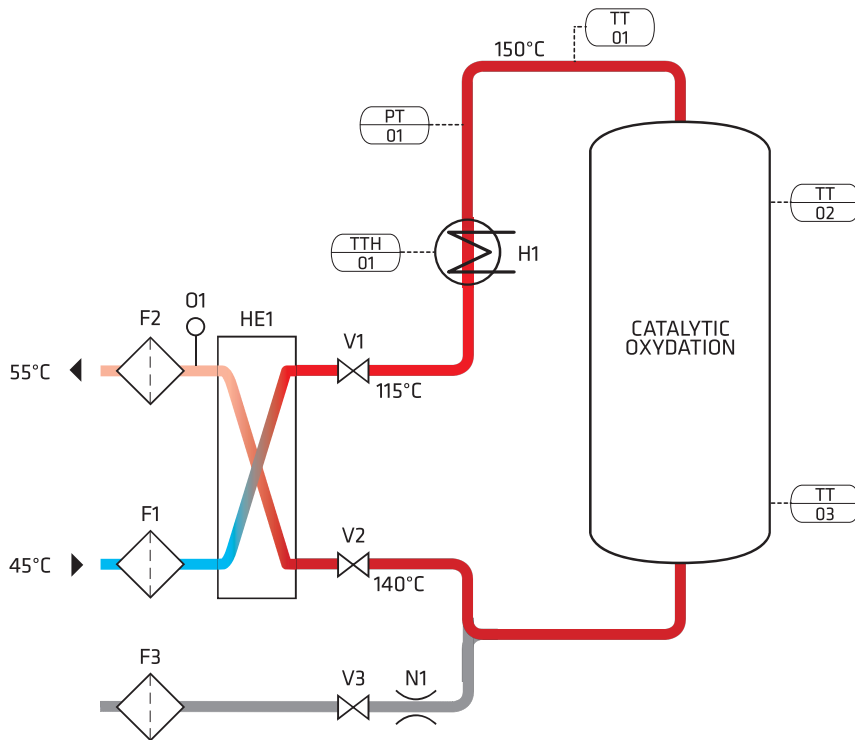
A-CAT is designed for obtaining oil free compressed air from oil-contaminated air - according to standard ISO 8573-1. A-CAT converter guarantees oil free compressed air using catalyst material that ensures total degradation of oil. During the process of oil removal, clean water and CO₂ is produced which are suitable for disposal with no additional processing. Higher oil concentrations does not affect catalyst durability and efficiency.

A-CAT is installed on oil-lubricated compressor's outlet pipe. Compressed air flows through a plate heat exchanger and pipe electric heater. Pre-heated compressed air then enters the converter vessel filled with catalyst material. At the bottom, oil free compressed air leaves the converter vessel and flows through the plate heat exchanger again, where it cools down with cold incoming compressed air. After the oil free air is cooled down, it can be used in further applications.

APPLICATIONS

- Food industry
- Chemical industry
- Automotive industry
- PET blowing
- Breathing air





TECHNICAL DATA

Model	Connection	Inlet flow rate ¹	Heater power
	In/Out	Nm ³ /h	kW
A-CAT 100	DN15	100	1,5
A-CAT 200	DN25	200	3
A-CAT 300	DN32	300	4
A-CAT 400	DN40	400	5
A-CAT 600	DN50	600	7,5
A-CAT 800	DN50	800	11
A-CAT 1100	DN65	1100	15
A-CAT 1500	DN80	1500	20
A-CAT 2000	DN100	2000	25
A-CAT 2500	DN100	2500	32

¹⁾Refers to 1bar(a) and 20°C at 7 bar operating pressure, inlet temperature 35°C.