



Note:

To save the electric power for the aggregate cooling (at a temperature of approx. 0 °C during the transition period) it is possible to provide cooling with the V2 fan switched on and via the ZP2 supply line (only in the enclosure ceiling area). O1 heater is OFF and the ZP1 supply line is closed.

4.5. Ventilation during the aggregate shut off:

If the aggregate is shut down the V3 fan ensures its airing. According to the outside temperature with heating (temperature is controlled according to the sensor readouts) or without heating in the summer season.

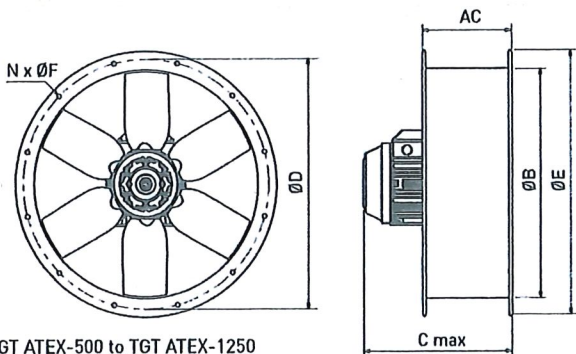
The V3 fan is intended only for the enclosure ventilation during the compressor shut-off period. The O1 heater is switched on depending on the outside temperature (K2 and K6 flaps are open).

In the winter season the heating bodies are switched on with a total input power 9 kW (4.5 kW + 4.5 kW) according to the total heat demand in the enclosure.

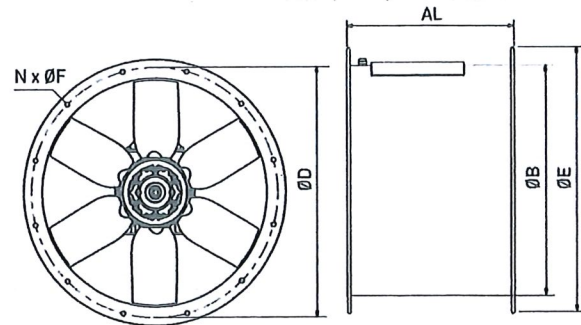
4.6. Ventilation technical parameters:

The calculation results of ventilation and the individual element indication are listed below.

Description	Value
Ambient temperature range on site	-30 to +30 °C
Wind speed on site	Max. 30 m/s
Ventilation air for summer operating mode (LP) TGT/4-1000-6/18-11 Ex fan, IP 54:	42,500 m ³ /h at 450 Pa



TGT ATEX-500 to TGT ATEX-1250
Short casing



TGT ATEX-400 to TGT ATEX-1250
long casing (LP)

Model	AC	AL	B	C	D	E	F	N
400	250	380	400	402	450	487	12	8
450	250	480	450	457	500	537	12	8
500	250	480	500	467	560	595	12	12
560	380	600	560	564	620	655	12	12
630	380	600	630	564	690	725	12	12
710	380	600	710	564	770	806	12	16
800	380	600	800	564	860	896	12	16
900	450	750	900	737	970	1005	15	16
1000	450	780	1000	767	1070	1105	15	16
1250	500	1150	1250	895	1320	1355	15	20