

**E**

**AERATION SYSTEM**



**TECHNICAL  
DATASHEETS**

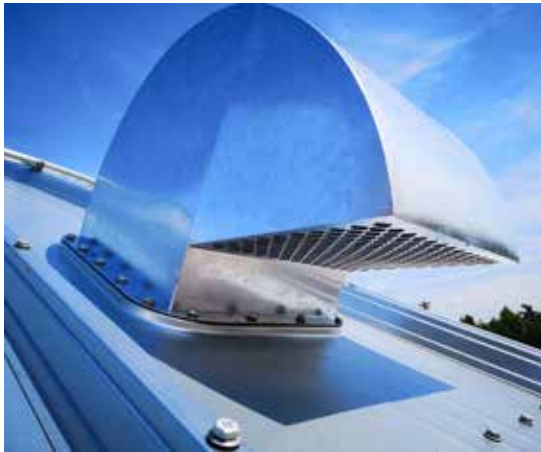
**E.6 - AGI EMEA VENTS AND ROOF FANS**

For the extraction of air from the silo and a better aeration system, **AGI EMEA** offer a selection of solutions for flat and hopper bottom silos. The AGI EMEA goose neck roof vents are supplied and installed on the roof, and offered as a standard for our silos. These galvanized roof vents can be upgraded with a small extraction fan, installed inside its steel body. (model ref.: AERAP-XM). For an additional extraction of moisture and air inside the area of the roof 's silo, **AGI EMEA** Helicoidal powered roof fans can be added. The number of needed fans for each silo is decided based on the silo model and the plant's location.

The available powered roof fans models are as shown in the below table.

**POWERED ROOF FANS PERFORMANCE**

| ROOF FAN MODELS                 | KW      | FLOW RATE/PRESSURE                 |
|---------------------------------|---------|------------------------------------|
| ROOF VENT WITH POWERED ROOF FAN | 0.18 KW | 2,200M <sup>3</sup> /H @ 4MM SWG   |
| HELICOIDAL - POWERED ROOF FAN   | 1.5 KW  | 7,600 M <sup>3</sup> /H @ 5MM SWG  |
| HELICOIDAL - POWERED ROOF FAN   | 0.75 KW | 8,500 M <sup>3</sup> /H @ 10MM SWG |



— Photo of standard goose neck roof vent



— Photo of helicoidal powered roof fan