

Double-leaf Ridge Vent with Air Flow Control electrically operated



Double-leaf Ridge Vent with Air Flow Control which is fully electrically operated, has been a high demand option for the regulation of the stable microclimate by dairy cattle farmers in recent years. Electric drive of the ridge vent can be operated by a push button, and the ridge vent can also be connected to the weather station we have developed, including a backup power supply. The ridge vent consists of a segment, slot wings, a ridge lifting mechanism and an electric drive. The slot wings are usually filled with tarpaulin (stables) or polycarbonate (milking parlours, waiting rooms). Of course, the slit is connected to the rainfall sensors.

CONSTRUCTION READINESS:

- opening width 1000 to 1800 mm
- steel or wooden substructure with cladding on the outside
- the steel sub-frame can be insulated (to ensure better thermal insulation properties)
- 230 or 400 V supply (for electric drive and power supply) circuit of the control unit)

TECHNICAL INFORMATION:

- the number of motors depends on the type of construction and the width of the opening (generally 1 motor is needed per 50 m of slot)
- the segment is made of steel profile with galvanized finish
- the wing frames are made of aluminium profiles
- the wing panels are either tarpaulin or polycarbonate
- lifting and opening by means of a comb bar and a comb wheel
- the edges are fitted with displacement brushes
- ridge adjustment by means of buttons

PRODUCT DESCRIPTION:

1. Wing infill (16 mm polycarbonate, PVC sheet)
2. Wing frame (AL profile)
3. Steel segment for shaft mounting (hot-dip galvanized)
4. Brush seal
5. Wing mounting (stainless steel hinge)
6. Sheet metal
7. Roof sheathing
8. Base
9. Roof support structure
10. Cover sheet with brush seal
11. Engine
12. Comb mechanism

