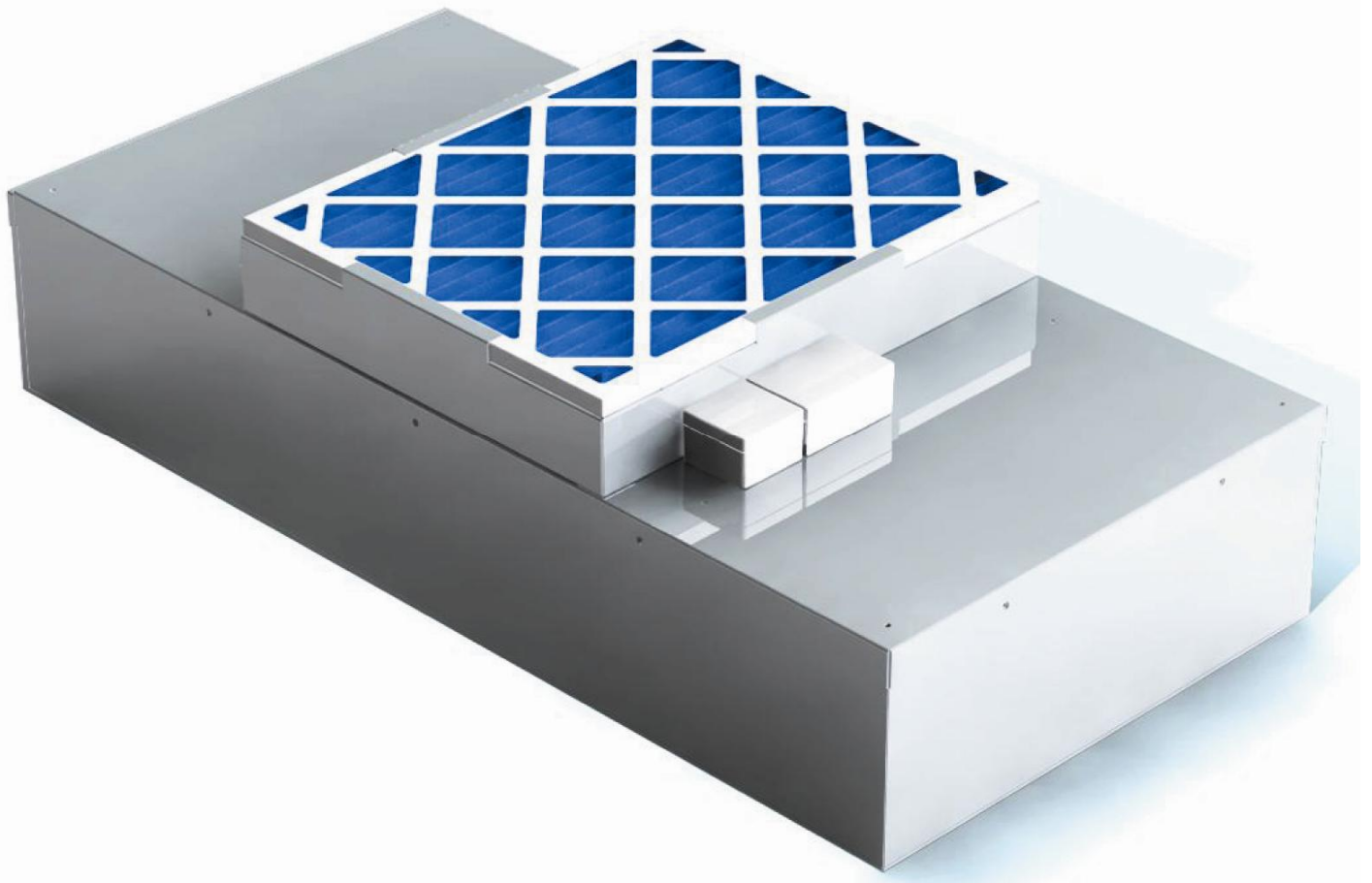


FANJET

Fan Filter Unit type Automatic Regulation



■ STRUCTURE

- IGE FFU benefits from a high quality aluminium frame.
- The fan with noise-catch is placed at centre of the unit
- Air diffuser for perfect air flow
- The total weight is less than 30 Kg

■ FUNCTIONING PRINCIPLE

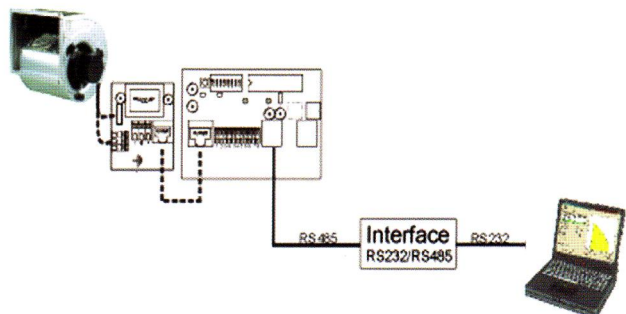
Filter's frame is integrating both with the Fan Filter Unit frame as a monobloc structure to make perfect air tightness. The fan provides an automatic Air flow adjustment with ECM Fan technology

■ ECM FAN PRINCIPLE

Born from the latest technologies, ECM fans are characterised by continuous current alimentation. Thus helps to get the greatest yields, up to 80% against 40% only for a standard fan. This high rate is according to a very low electric consumption (less 30% to 40%), and as well, you benefit from electronic control system with an automatic flow rate regulation. The microprocessor analyses many parameters such as intensity, couple, motor velocity, in order to define a break event point corresponding to the air flow rate requested and the pressure drop. The lack of sensor allows to avoid errors measurement due to climatic parameters such as temperature and atmospheric pressure.

■ CONTROL SOFTWARE

The FANJET can be connected between them by a network to the central computer. It is also possible to manage at distance via Internet. Thus, you can manage and program many parameters such as flow rate, air flow velocity, pressure drop and so on



■ FILTRATION

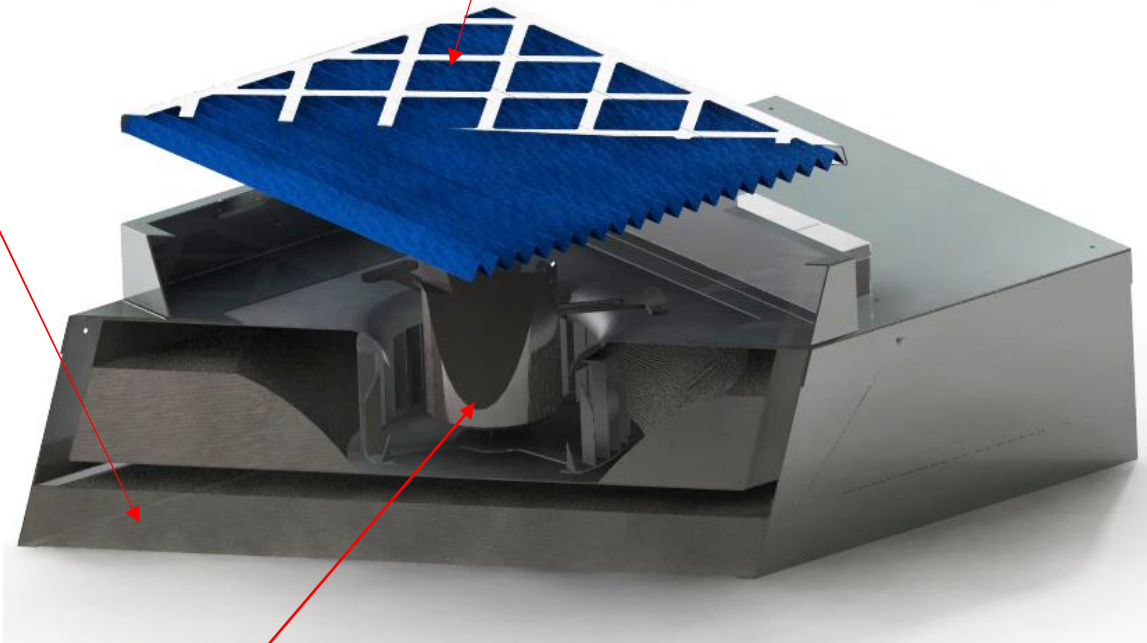
HEPA Filter

Filter :
Efficiency:
Protection grid:
Frame:

Minipleat type
99,995% MPPS H14
epoxy painted
anodised aluminium

Prefiltration

Frame: cardboard
Efficiency: 85 % ASHRAE (G3)
Media: synthetic



■ VENTILATION

1-Fan

- Normal use: 120 W, 1000 rpm / 220-230V
- Power: 350W/220-230V (max).....
- Rotation velocity: 1500 rpm (max).....
- Noise level: 54 dBA (48 dBA on false ceiling)

■ MAINTENANCE

Whole disposable Unit; only the fan box inside the FFU shall be conserved.

