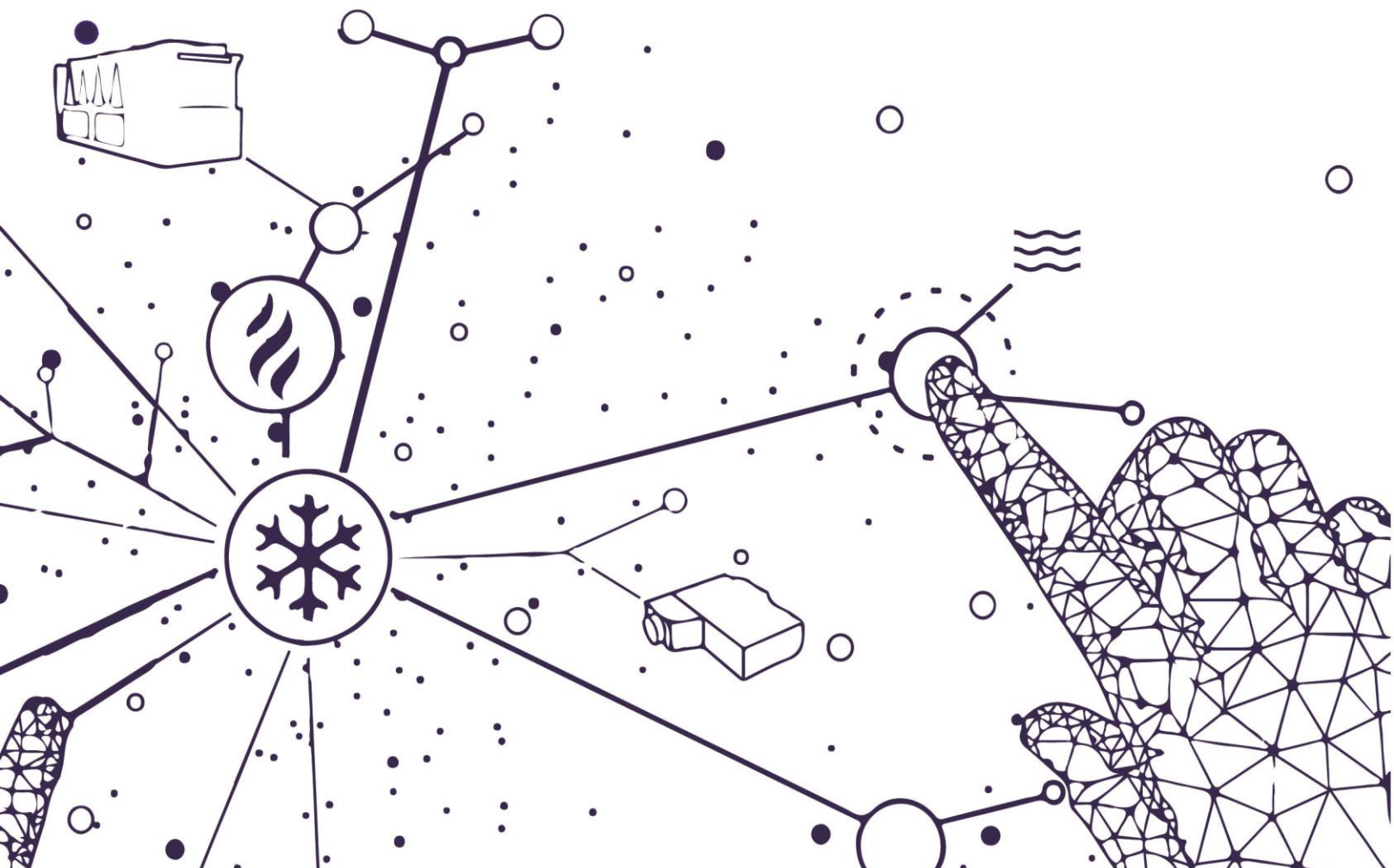


CLIMA VAC



Motorized Fire & Smoke Damper



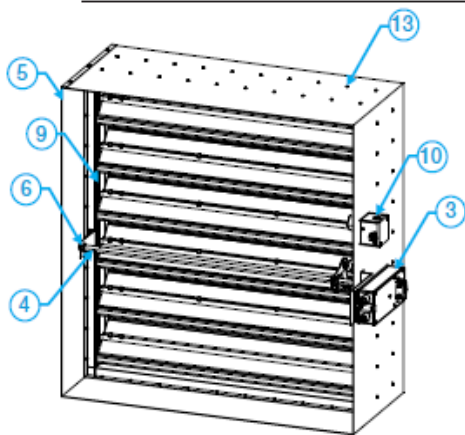
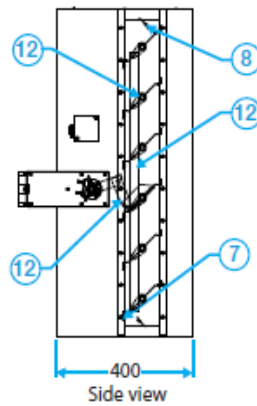
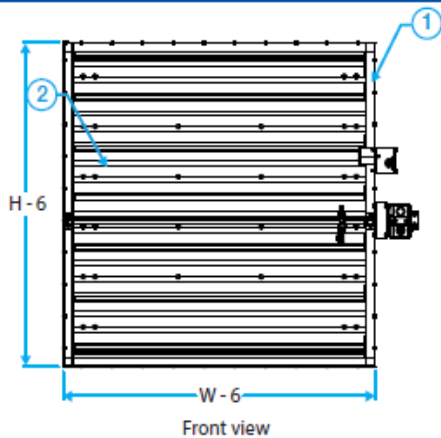
APPLICATION

- MFSD are designed to be installed in HVAC ductwork at locations that are designated as fire barrier or fire & smoke barrier. It should not be installed in a smoke extraction ductwork for smoke extraction applications.
- It is suitable for vertical installation in walls/partitions and horizontal installation in floors having a fire resistance rating of less than 3 hours (as per NFPA 90A).
- It prevents the spread of fire/smoke inside residential, commercial and industrial buildings.

CONSTRUCTION

- Casing: 140mm deep, hat-shaped casing manufactured from 16 ga. (1.5mm) galvanized steel.
- Blade: 3V-groove shaped, single skin blades manufactured from 16 ga. (1.5mm) galvanized steel. Parallel blade operation.
- Blade tip seal: Silicon rubber seals permanently bonded to blade edge through self-forming silicon sealant.
- Jamb seal: Stainless steel, spring action type.
- Actuator: UL listed, Spring return, Electric 24VAC / 230VAC, quick opening & closing.
- Jackshaft: 12mm x 12mm square jackshaft to ensure tight grip at the actuator.
- Brass bush: round for spindles and square for jackshaft.
- Sleeve: 400mm long factory installed sleeve (standard supply) manufactured from 16ga (1.5mm) galvanized steel.

DIMENSIONS (mm)



DESCRIPTION

- | | |
|--------------------------------|-----------------------------------|
| ① Casing G.I. 1.5 mm | ⑧ Blade stopper G.I. 1.5 mm |
| ② 3V-groove blades G.I. 1.5 mm | ⑨ Side Seal S.S. 0.3 mm |
| ③ Spring return actuator | ⑩ (TRD) Thermal responsive device |
| ④ Square Jack Shaft (12mm) | ⑪ Jackshaft lever |
| ⑤ Sleeve G.I. 1.5 mm | ⑫ Side linkage |
| ⑥ Square brass bush | ⑬ Rivet \varnothing 4.8 X 10 mm |
| ⑦ Silicon rubber tip Seal | ⑭ Round brass bush |



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