Doc. No.: INTIME-TDS- HFC-2-MDLR-SP

Model Number.: HFC-2-MDLR-SP

CLEAN AGENT (HFC 236fa/227ea) GAS - 2 KG MODULAR FIRE EXTINGUISHER

Applicable Class of fire - A, B, C and electrically started fires.

Brief description: These extinguishers come with nominal charge of 2 kg Clean agent (HFC 236fa/227ea) UL Listed gas, Constructed of MS Sheet by MIG Welding process and brass forged sprinkler type Valve, Internally & Externally epoxy powder coated.

GENERAL DATA

Manufacturer Intime Fire Appliances Pvt. Ltd.

Trade Mark "INTIME"

Ceiling mounted automatic modular Type

MATERIAL OF CONSTRUCTION

Extinguishing medium Clean agent (HFC 236fa/227ea) UL Listed gas

Body Mild Steel Sheet having Max. of 0.25% C, 0.05% P and 0.05% S (IS 513)

Neck Ring MS Pipe - M30x1.5 Female threaded

Brass forged - M30x1.5 Male threaded - Sprinkler type Valve

Sensing element Glass bulb - 68°C Pressure gauge / indicator As per IS 15683:2018 MS Powder coated Ceiling mounting stand

PERFORMANCE DATA

Performance requirements Effective discharge time: 5 - 8 Sec. Approx.

> Height of mounting: 1.5 Mtr Approx. Area coverage: 4 – 4.5 M2. Approx. Volume coverage: 6 M3 (Estimated) Min. Percentage of discharge: 95%

Temperature Range -30° to +60° C Service pressure 15 bar Max. service pressure 18 bar

ROUTINE TESTS

Hydro Pressure Test (Pt) 35 bar (3.5 MPa) Hold for 2.5 min. 55 bar (5.5 MPa) Hold for 1 min. Min. Burst pressure (Pb) for body Leakage test Inverted glass jar / Soap solution

Partial discharge The second pressure or weight shall not be less than 75% of the first after

interruption of the Discharge

Diameter: 180 ± 10 mm **DIMENSIONS**

Height: 200 ± 10 mm Approx.

Thickness of sheet Made up from 1.5 mm thick sheet

Full weight of extinguisher 3.6kg (Approx.)

ANTI-CORROSIVE TREATMENT Phosphate treatment followed by epoxy powder coating of body DFT not less

than 50 Micron

MISCELLEANEOUS

Inspection & testing As per approved QAP

Finish PO Red as per IS: 5 (Shade 538)

Marking As per IS 15683:2018

PED **Approvals**

Maintenance, care and refilling As per IS 2190

Ceiling mounting bracket **IN BOX ACCESSORIES**

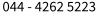
Corrugated boxes **PACKING**





New #12/ Old #28, Stringers Street, Chennai - 600001, Tamilnadu, India.







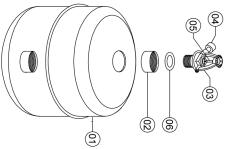
MARKING: AS PER IS 15683:2018 APPROVAL : PED MARKED DESIGN DATA

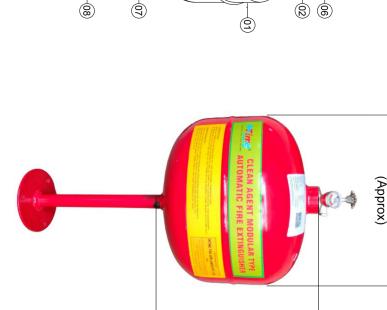
Ø180 ± 10 mm

| SR. NO | PARTICULARS | DESCRIPTION |
|--------|-------------------------------|--------------------------|
| 01 | CAPACITY | 2 KG |
| 02 | BULB BURST TEMPERATURE | 68°C |
| 03 | SERVICE PRESSURE | 15 bar |
| 04 | MAX. SERVICE PRESSURE | 18 bar |
| 05 | PRESSURE TEST (PT) | 35 bar HOLD FOR 2.5 min. |
| 90 | MIN. BURST PRESSURE TEST (PB) | 55 bar HOLD FOR 1 min. |

PERFORMANCE PARAMETERS

| 95% | MIN PERCENTAGE OF DISCHARGE 95% | 04 |
|------------------|---------------------------------|--------|
| 6 M3 (Estimated) | VOLUME COVERAGE | 03 |
| 4 - 4.5 M2 | AREA COVERAGE | 02 |
| 5 - 8 sec. aprx | EFFECTIVE DISCHARGE TIME | 01 |
| DESCRIPTION | PARTICULARS | SR. NO |





200 ± 10 mm (Approx)

| SR. NO | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |
|-------------|---|-------------------------------------|---------------------------------|----------------------------|-------------------|----------------|---------------------------|------------------------|---|
| DESCRIPTION | BODY | NECK RING | VALVE | PRESSURE GAUGE / INDICATOR | SENSING ELEMENT | "O"RING | BOTIOM NECKRING FOR STAND | CEILING MOUNTING STAND | EXTINGUISHING MEDIUM |
| MATERIAL | MS SHEET HAVING MAX. OF 0.25% C, 0.05% P AND 0.05% S (IS 513) | MS PIPE - M30 X 1.5 FEMALE THREADED | BRASS - M30 X 1.5 MALE THREADED | AS PER IS 15683:2018 | GLASS BULB - 68°C | NITRILE RUBBER | MS | MS POWDER COATED | CLEAN AGENT (HFC 236FA / 227EA) UL LISTED GAS |
| QTY. | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 |

| DATE NAME | | | | | | | |
|--|---------------------------|---|---------------------|----------|----------|----------|------|
| DATI | ф Д | TITLE: CLEAN AG 2 KG FIRE | SYMBOL | | | | |
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| NAME VIJAY SHEKHAR AM AM Ji Ji AM Ji Ji AM Ji Ji AM | Н | HADHANI & Old #28, Stringe 600001, Tamiln safety.com, info@thad 44 - 4262 522 | THADHAN | 22.12.22 | 22.12.22 | 22.12.22 | DATE |
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