

## 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.



### 1 GENERAL DATA

Manufacturer	Intime Fire Appliances Pvt. Ltd.
Trade Mark	"INTIME"
Type	Ceiling mounted automatic modular

### 2 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
Valve	Brass forged - M30x1.5 Male threaded - Sprinkler type
Sensing element	Glass bulb - 68°C
Pressure gauge / indicator	As per IS 15683:2018
Ceiling mounting stand	MS Powder coated

### 3 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

### 4 ROUTINE TESTS

Hydro Pressure Test (Pt)	35 bar (3.5 MPa) Hold for 2.5 min.
Min. Burst pressure (Pb) for body	55 bar (5.5 MPa) Hold for 1 min.
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

### 5 DIMENSIONS

Thickness of sheet	Made up from 1.5 mm thick sheet
Full weight of extinguisher	3.6kg (Approx.)

### 6 ANTI-CORROSIVE TREATMENT

Phosphate treatment followed by epoxy powder coating of body DFT not less than 50 Micron

### 7 MISCELLENEOUS

Inspection & testing	As per approved QAP
Finish	PO Red as per IS : 5 (Shade 538)
Marking	As per IS 15683:2018
Approvals	PED
Maintenance, care and refilling	As per IS 2190

### 8 IN BOX ACCESSORIES

Ceiling mounting bracket

### 9 PACKING



Corrugated boxes

APPROVAL : PED MARKED

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.
06	MIN. BURST PRESSURE TEST (PB)	55 bar HOLD FOR 1 min.

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



	GAD NO. : INTIME-HFC-2-MDR-SP	TITLE :	SYMBOL	REVISION DESCRIPTION	DATE	BY	DATE	NAME		
		CLEAN AGENT (HFC 236FA / 227EA)						DRAWN	22.12.22	VJAY
		2 KG FIRE MODULAR EXTINGUISHER						CHECK	22.12.22	SHEKHAR
								APP	22.12.22	AM
<div> J. THADHANI &amp; CO. New 412 Old 428, Springers Street, Chennai - 600003, Tamil Nadu, India www.thadhaniandco.com id@thadhaniandco.com</div>							SCALE : N/T5	SHEET : 1 OF 1		