# **COMPRESSED AIR FOAM SYSTEM**





## Firefly CAFS advantage

- Standalone Compressed Air Foam system
- System powered by its own Engine
- Can deliver both WET & DRY compressed air foam
- Can be installed in any FIRE VEHICLE
- Designed for prolonged & continuous operation



#### Reduce water usage

CAFS unit can increase firefighting operating time



#### **EFFECTIVE FIRE SUPPRESSION**

Rapid Extinguishment, Prevention of Re-ignition, Dense Foam Blanket, Impressive Height



#### **Enhanced Firefighter Safety**

Heat & Smoke Reduction, Maneuverability, Improved Visibility, Enhanced Efficiency



#### Improved Penetration & Coverage

Enhanced Penetration, Thorough Coverage, Prevents Structural damage

# INTRODUCING FIREFLY'S GROUNDBREAKING STANDALONE 'CAFS'

# A GAME CHANGER IN FIRE FIGHTING TECHNOLOGY

#### **Features**

#### FOAM DOUSING PUMPS

Water powered foam dosing pump with stepped adjustment from 1% to 2% rotating dial

#### **CAFS OUTPUT**

Excellent CAFS output (WET & DRY) for maximum cooling & thorough penetration of Class A foam into burning objects

#### **COMPRESSOR**

Belt driven screw compressor powered by Briggs & Straton Petrol engine

#### **PRIMING SYSTEM**

Pump equipped with effective priming system makes it possible to use with or without overhead tank

#### **CONTROL PANEL**

User-friendly interface control panel with stepwise simple operating process

#### **ENGINE**

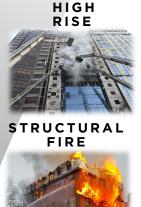
Separate Briggs & Stratton V2 cylinder 4 stroke petrol engine

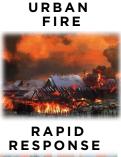


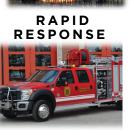
### APPLICATION OF CAFS

















# **TECHNICAL SPECIFICATIONS**

Engine	Briggs & Stratton V2 – cylinder, 4- stroke engine, 993 cc Output 37hp/40hp
Proportioning rate	Wetting agent 1% to 2% adjustable
Expansion ratio	Expansion ratio approx. 7 (wet) - 20 (dry)
Water pump	Single - stage centrifugal pump
Compressor	Belt - driven screw compressor
CAFS output	CAFS Output Approx.1600 LPM
Priming pump	Ejector pump / Vane primer / Hand primer
Water pump capacity	700-750LPM @ 10 BAR
Dimensions L X W X H (mm)	1150 X 1100 X 800 (+/- 5%)
Weight	350 kg +/- 5%

Firefly Fire Pumps Pvt. Ltd. is Asia's leading manufacturer, exporter, and supplier of firefighting pumps.

With a meticulous SCADA test setup ensuring premium quality, Firefly presents an extensive array of cutting-edge firefighting solutions. From Portable to Vehicle-Mounted, Trailer-Mounted to Skid-Mounted firefighting pump options, all crafted to meet CE and UL standards. Complete with essential accessories including Power Take Off (PTO), Nozzles, Hose Reel, Control Panel, and Monitor, Firefly offers comprehensive firefighting solutions for any situation.

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EXPERIENCE

