

# COMPRESSED AIR FOAM SYSTEM



## INTRODUCING FIREFLY'S GROUNDBREAKING STANDALONE 'CAFS'

## A GAME CHANGER IN FIRE FIGHTING TECHNOLOGY

### 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

### 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 & Stratton 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



**WILD FIRES**



**HIGH RISE**



**URBAN FIRE**



**DRY RISERS**



**RURAL FIRE**



**STRUCTURAL FIRE**



**RAPID RESPONSE**



**DRONE FIREFIGHTING**



## TECHNICAL SPECIFICATIONS

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

**16500+**

PUMPS INSTALLED  
WORLDWIDE

**500+**

GLOBAL CUSTOMERS

**65+**

COUNTRIES

**60+**

EXPERIENCE

