

Ultra High Pressure Fire Suppression System

PressureJetTM
EXPLORE THE WATER POWER



PressureJet / AAAG, India's leading fire fighting accessories manufacturers introduce complete Ultra High Pressure (UHP) fire suppression systems. This system consists of PressureJetTM UHP reciprocating plunger pumps and high quality accessories. UHP fire pump with forged alloy steel crack shaft and forged connecting rod are the UHP of ultra high pressure fire pump which offers highest reliability across all Indian manufacturers.

BENIFIT OF AAAG UHPS

Unmatched Water Consumption

- 🔥 output 38 l/min (10 gpm)
- 🔥 water consumption reduce more than 60%
- 🔥 reduce the amount of costly chemical that is used to extinguish the fire.

Ultra Effective

- 🔥 Atomization of the water due to high pressure of 100 bar (1450 psi)
- 🔥 90% of water direct reach into fire
- 🔥 15 m (49 ft.) effective throwing distance
- 🔥 10 times more efficient than convectional pumps

Fast decreasing rate in temperature

- 🔥 USP fire suppression and correct attack forms
- 🔥 Decrease temp. by more than 1,000 °F in just seconds

Better safety and visibility

- 🔥 quickly dispassion of smoke
- 🔥 give slightly advantage of excellent positive-pressure ventilation capabilities
- 🔥 ergonomic foam gun
- 🔥 continuous water supply
- 🔥 Fixed setting of pressure and output

Applications

- 🔥 wildland /brush fires
- 🔥 first attack
- 🔥 interior fires
- 🔥 vehicles fires
- 🔥 laying break lines
- 🔥 liquid fires
- 🔥 structural fire



UHP system	Light Duty	high pressure plunger pump with 38 l/min at 100 bar (10 gpm at 1450 psi), filter element, manometer with glycerine damping
	Heavy Duty	high pressure plunger pump with 270 l/min at 100 bar (71.3 gpm at 1450 psi), filter element
Engine	VANNGUARD 2-cylinder, 4-stroke gasoline engine, 470 cm ³ , 11.8 kW (16 HP) at 3800 rpm 12 V electric starter with manual rope recoil starter, fuel tank 8.5 l.	
Hose and Hose Reel	60 m/40m /20 m high pressure hose & hose reel with locking system.	
Foam gun	Ergonomically designed foam gun with piston handgrip, Infinite adjustment of full to spray jet <ul style="list-style-type: none"> ▪ standard branch pipe: foam barrel detachable ▪ combined branch pipe: foam barrel integrated 	
Frame	self-supporting steel frame with integrated water tank, fits in standardized portable pump frame, 100 litre tank	
Dimensions	LxWxH: 1324 mm x 885 mm x 660 mm (light duty) LxWxH: 52.1 in x 34.8 in x 26 in	
Weight	dry weight: 142 kg (light duty) dry weight: 313 lbs	

PERFORMANCE



Performance		Required HP	Model
l/min (GPM)	Bar (PSI)		
14 (3.5)	100 (1450)	10	NHD1415
25 (6.5)		6.3	XLT2730
30 (8)		7.67	NLT3020
38 (10)		3.5	XLT4017
54 (15.3)		13.8	XLT5415

Performance		Required HP	Model
l/min (GPM)	Bar (PSI)		
67 (17)	100 (1450)	20	PA-32-700
202 (53)		60	VA-57-600
270 (71.3)		75	VA-57-600
405 (106)		120	VA-72-565



Without going on our words, just schedule a demonstration and feel the power of USP and PressureJet infrastructure.

PressureJet Systems Pvt. Ltd.

62/13, Phase-1, GIDC, Vatva, Ahmedabad-382445. Gujarat, India
Phone: +91-79-25830762 / 25893868 / 25835598