

UHPS

Basic module with gasoline engine



Description

The basic module is the main item of the modular UHPS system and delivers 38 l/min at 100 bar. In combination with hose reel, branch pipe, water tank and basic frames, the system can be adapted flexibly to all requirements.

Benefits

Most effective extinguishing

- atomization of the water due to high pressure of 100 bar (1450 psi)
- precisely adapted nozzle design
- adjustable pattern: full to spray jet

Minimized water consumption

- output of 38 l/min (10 gpm)
- prevention of water damage

Superior foam quality / stability

- foam admixing system 0 to 6 %
- foam attachment for fog gun

Large effective operating range

- 10 m (33 ft) effective throwing range
- 60 m (197 ft) buckle safe hose

Simple / safe operation

- fixed setting of pressure and output
- thin, lightweight and nevertheless very robust hose
- ergonomic fog gun
- continuous water supply
- refilling of water tank during operation

Applications

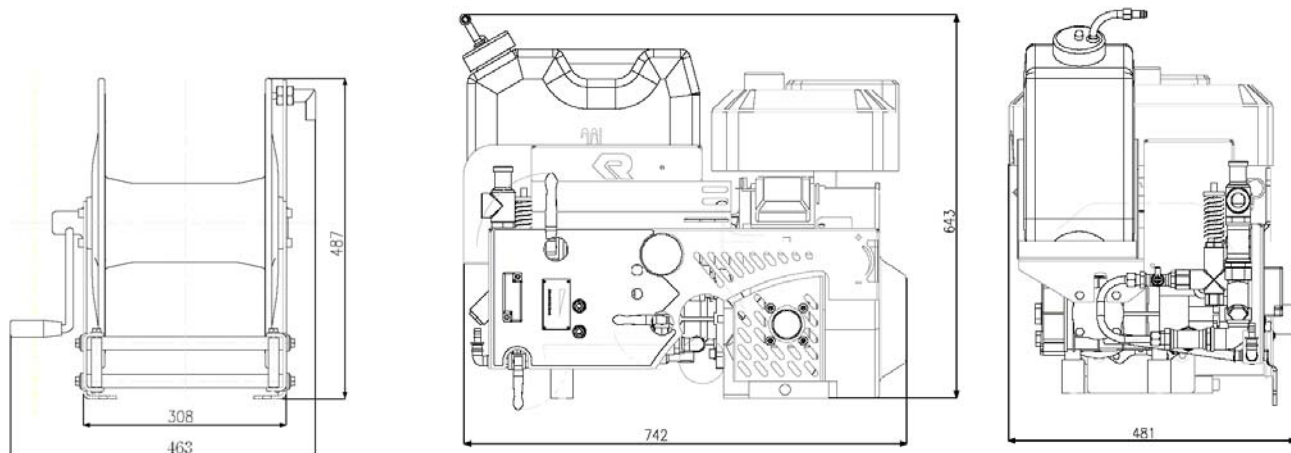
- rapid intervention vehicles
- small extinguishing vehicles

Fields of application

- first attack
- car fires
- forest fires
- pool fires (liquid fires)

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Dimensions of hose reel and basic module (in mm)



Control panel



Example of installation

Technical data

Engine	Briggs&Stratton 2-cylinder, 4-stroke gasoline engine, 480 cm ³ , 11,8 kW (16 PS) at 3600 1/min 12 V electric starter with manual rope recoil starter, fuel tank 8,5 l (2,25 gal)
Extinguishing system	high pressure plunger pump with 38 l/min at 100 bar (10 gpm at 1450 psi), foam admixing system 0 – 6 %, filter element, manometer with glycerine damping
Hose, Hose reel	60 m high pressure hose (197 ft), hose reel with window, brake and catch
Fog gun	ergonomically formed fog 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
Weight	<ul style="list-style-type: none">▪ UHPS basic module: 95 kg (209,4 lbs), unfilled▪ Standard foam canister 20l: 20 kg (44,1 lbs)▪ Manual hose reel: 52 kg (114,6 lbs), (hose reel, 60m high pressure hose, standard branch pipe)
Dimensions	<ul style="list-style-type: none">▪ UHPS basic module: LxWxH = 742 mm x 481 mm x 643 mm LxWxH = 29,2 in x 18,9 in x 25,3 in▪ hose reel manual: LxWxH = 463 mm x 460 mm x 487 mm LxWxH = 18,2 in x 18,1 in x 19,2 in▪ hose reel electric: LxWxH = 545 mm x 460 mm x 487 mm LxWxH = 21,5 in x 18,1 in x 19,2 in

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