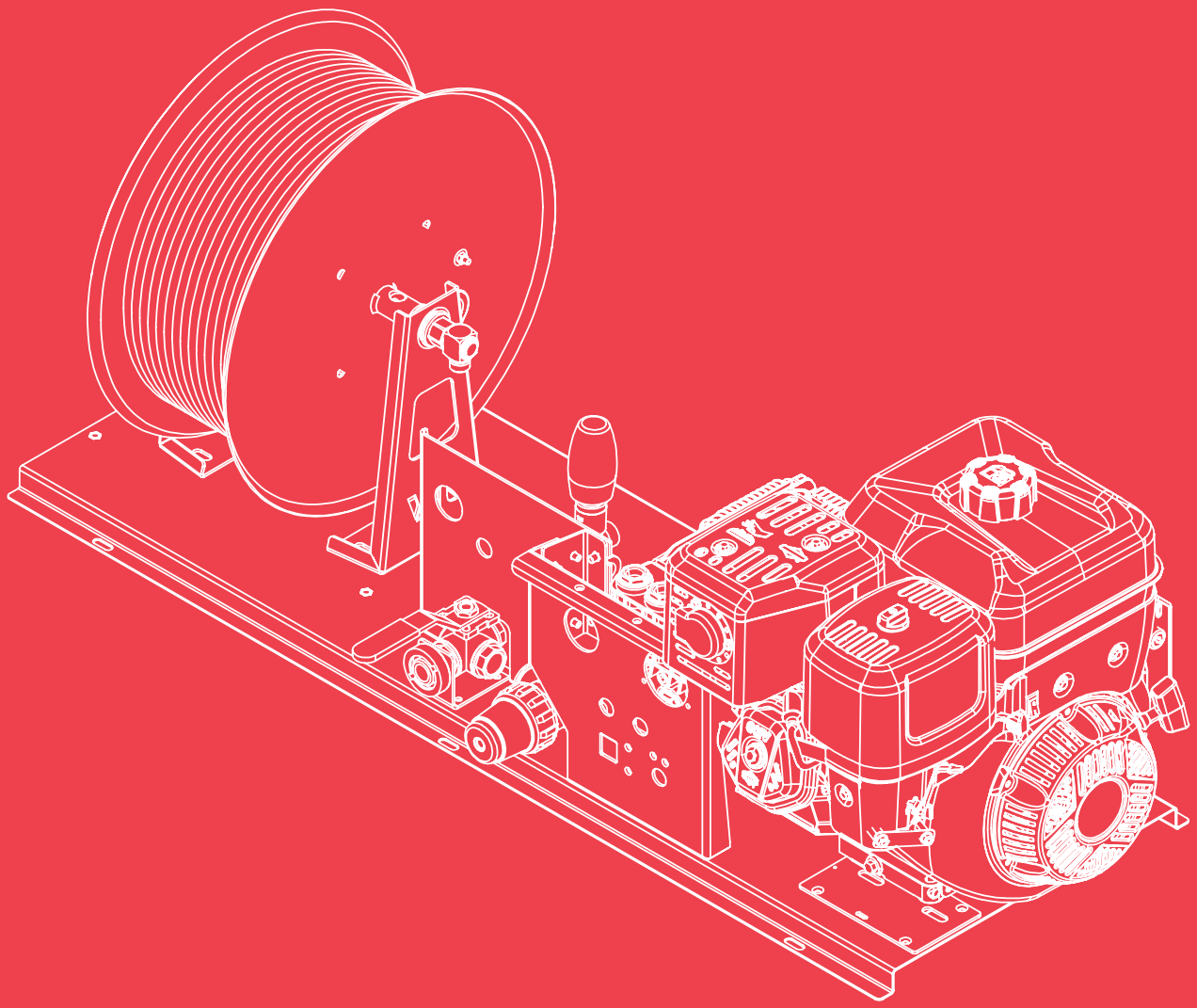
Extinguishing module with a membrane pump

Tankless
High pressure



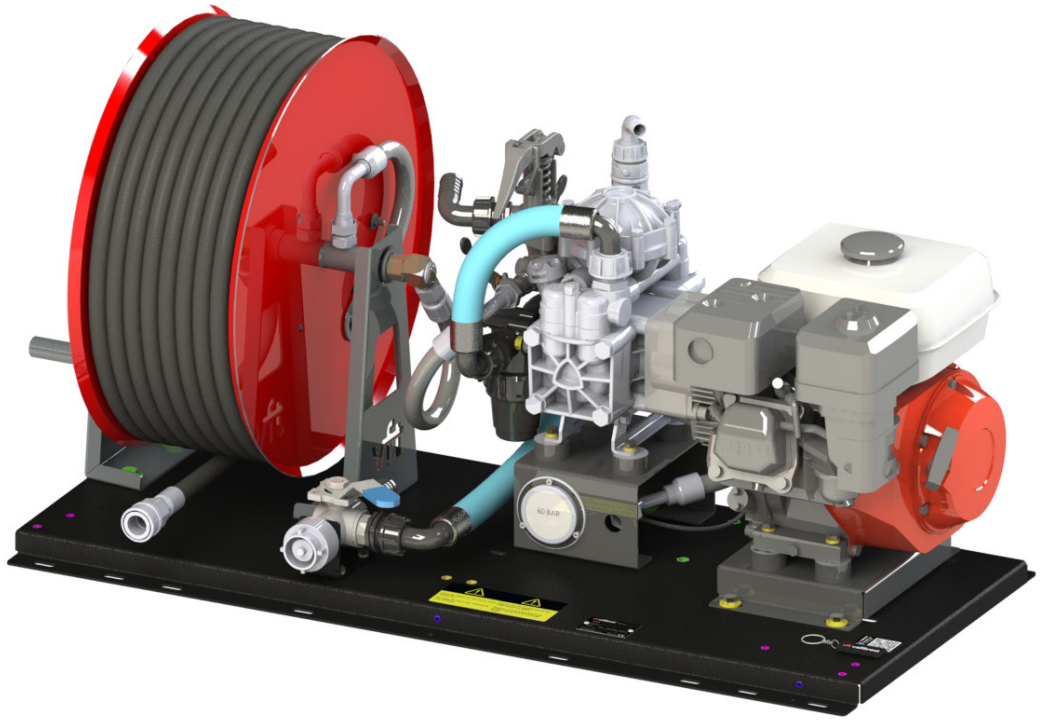
Rev. 20251024

Extinguishing module with a membrane pump

Medium pressure | Up to 50 bar

Rapid intervention extinguishing module designed to be connected to any adapted tank and transported on pickup vehicles and trailers, 100% customizable. Equipped with membrane pumps up to 50 bar with a maximum flow of up to 80 L/min.

- High-quality components and great replacement part availability
- The best quality/price ratio
- 2 year warranty

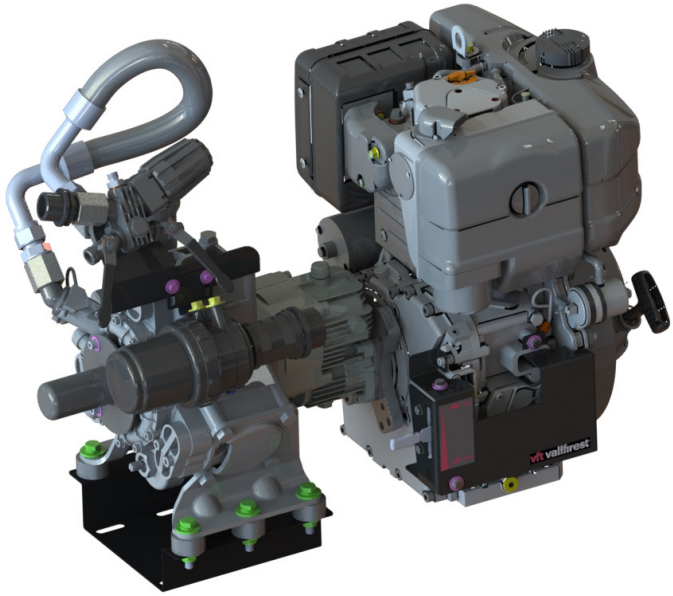


What's included?	
Engine	**Gasoline**(4.8 - 13.5 HP) | **Diesel** (11 HP)
Membrane pump	From 36 L/min | 40 bar to 80 L/min | 50 bar
Quick attack winder	Equipped with a high-pressure hose
Attack nozzle	Water
Suction hose	5 m long

Uses	
Wildland fires	Recommended use
Container and vehicle fires	Recommended use
Cleaning and unclogging	Less recommended

1 Fire pump unit

Options available. 4-stroke gasoline or diesel combustion motors and membrane pumps.



Engines	Power*	Pump	Max. pressure **	Max. flow **
B&S XR 6.5	6.5 HP	AR30	40 bar	36 L/min
Honda GX160	4.8 HP	AR30	40 bar	36 L/min
B&S XR10	10 HP	AR503	40 bar	54 L/min
B&S XR 13.5	13.5 HP	AR813	50 bar	80 L/min
Lombardini 15LD440	11 HP	AR813	50 bar	80 L/min

☐ Gasoline engine. ▩ Diesel engine.

* The nominal engine power indicated in this document is the net power tested on a production engine for the engine model pursuant to SAE J1349 (Honda) / SAE J1940 (Briggs & Stratton) / ISO 1585 (Lombardini) pursuant to SAE J1995 at a specific speed. This value may vary in mass produced engines. The actual output power of the engine installed on the end machine will vary depending on a number of factors such as the applicable engine operating speed, the environmental conditions, maintenance and other variables.

** These values are for direct output from the pump.

*** The power, pressure and flow rate values are valid for the following operating conditions: a temperature of 25º C at sea level. **IMPORTANT:** The engine loses 3.5% of its power for every 300 meters more in relative working height over sea level. The engine loses 1% of its power for every 5.6º C above 25º C.

BRIGGS & STRATTON LOMBARDINI HONDA

2 Components included

2.1 Control panel

Control panel with LED light switch, pressure gauge, auxiliary outlet, hour meter and skid unit emergency stop.*

TECHNICAL DATA

- Baked on paint coating

*** Battery-free skid units have no light, no hour meter.**

2.2 Winder

Made of anti-corrosive material with a manual starting crank and lock system.

TECHNICAL DATA

- Capacity for 50 m long DN12 hose

2.3 Suction hose

Clear flexible PVC spiral absorption hose with rigid PVC spiral and smooth inner surface. Includes non-return foot valve and filter. Includes a Storz connector for connection to the Vallfirest skid unit.

TECHNICAL DATA

- Length: 5 m
- Hose diameter: DN25 (1") or DN40 (1-1/2") depending on the pump
- Weight: 2.2 kg (DN25) or 4 kg (DN40)

2.4 Hose

DN12 (1/2") 50 meter semi-rigid hose. Comprised of an inner layer of synthetic rubber reinforced with a metal mesh and coated in abrasion-resistant synthetic rubber. Features a quick water and foam nozzle connection system.

TECHNICAL DATA

- SAE 100 R1AT DN12 (1/2"): 160 bar operating pressure, 0.45 kg/m weight

2.5 Water nozzle

High-pressure and high-range nozzle. Adjustable angle. Interchangeable ceramic nozzle tip and quick connection system.

TECHNICAL DATA

- Maximum pressure: 60 bar
- Maximum flow: 110 L/min
- Concentrated stream >
- Hollow cone/fog stream >

3 Optional accessories

3.1 Foam nozzle

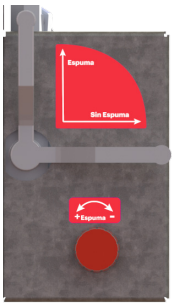
High-pressure and high-range foam nozzle.
Adjustable angle. With quick connection system.

TECHNICAL DATA

- Maximum pressure: 280 bar
- Maximum flow: 50 L/min
- Concentrated stream >
- Hollow cone/fog stream >

3.2 Foam-forming agent proportioner system

Compact and easy-to-use, foam mixing with a proportional manual selector valve. Generates a stable mix of foam-forming agent in the water. Venturi effect “in line eductor” system which mixes water and foam-forming agent in the drive circuit.



3.3 100 m manual winder*

Made of anti-corrosive material with a manual starting crank and lock system.

TECHNICAL DATA

- Capacity for 100 m long DN12 (1/2”) hose

* See point 5. Configurations available

3.4 Electric winder*

Made of anti-corrosive material.
With an electric rewinder powered by a 12 V engine.

TECHNICAL DATA

- Capacity for 50 m long DN12 (1/2”) hose

* See point 5. Configurations available

3.5 Winder Handwheel

Ergonomically designed handwheel to facilitate manual operation of the winder, ensuring comfortable and efficient handling.

TECHNICAL DATA

- Compatible with manual widners from Vallfirest standard kits.

* Not compatible with electric winders.

3.6 Winder guide

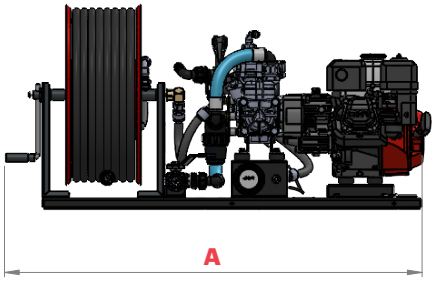
Accessory designed to easily guide and control the hose during winder operation, improving precision and reducing effort.

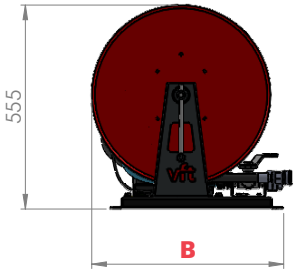
TECNICAL DATA

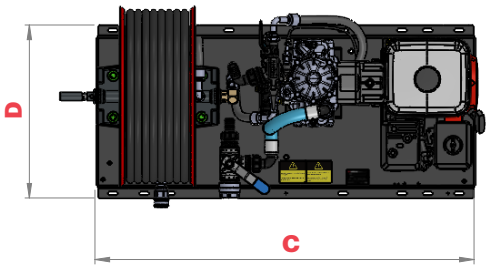
- Available for 50m and 100m winders.

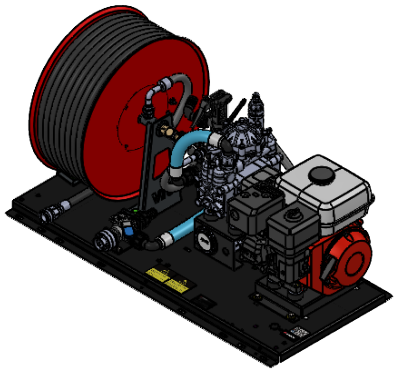
* No tcompatible with electric winders.

4 General dimensions









5 Configurations available

Ref. VFT	Engine	Battery and electric start	Pump	Winder capacity (flat hose)	Max. pressure **	Max. flow **	Approx. dry weight [kg]	A [mm]	B [mm]	C [mm]	D [mm]
DVD0900-G30A0	B&S XR 6.5	NO	AR30	50 m	40 bar	36 L/min	78	1145	520	1030	470
DVD0900-G31A0	Honda GX160	NO	AR30	50 m	40 bar	36 L/min	77	1145	520	1030	470
DVD0900-G34A0	B&S XR10	YES	AR503	50 m	40 bar	54 L/min	112	1370	545	1208	500
DVD0900-G34B0	B&S XR10	YES	AR503	100 m	40 bar	54 L/min	131	1370	545	1208	500
DVD0900-G34J0	B&S XR10	YES	AR503	50 m*	40 bar	54 L/min	137	1370	545	1208	500
DVD0900-G37A0	B&S XR 13.5	YES	AR813	50 m	50 bar	80 L/min	127	1370	545	1208	500
DVD0900-G37B0	B&S XR 13.5	YES	AR813	100 m	50 bar	80 L/min	146	1370	545	1208	500
DVD0900-G37J0	B&S XR 13.5	YES	AR813	50 m*	50 bar	80 L/min	152	1370	545	1208	500
DVD0900-D32A0	Lombardini 15LD440	YES	AR813	50 m	50 bar	80 L/min	141	1370	545	1208	500

☐ Gasoline engine. ■ Diesel engine.

* Electric-powered winder.

** The values indicated are at the pump outlet.

Any questions? Contact us: clientes@vallfirest.com | T. +34 938 678 779