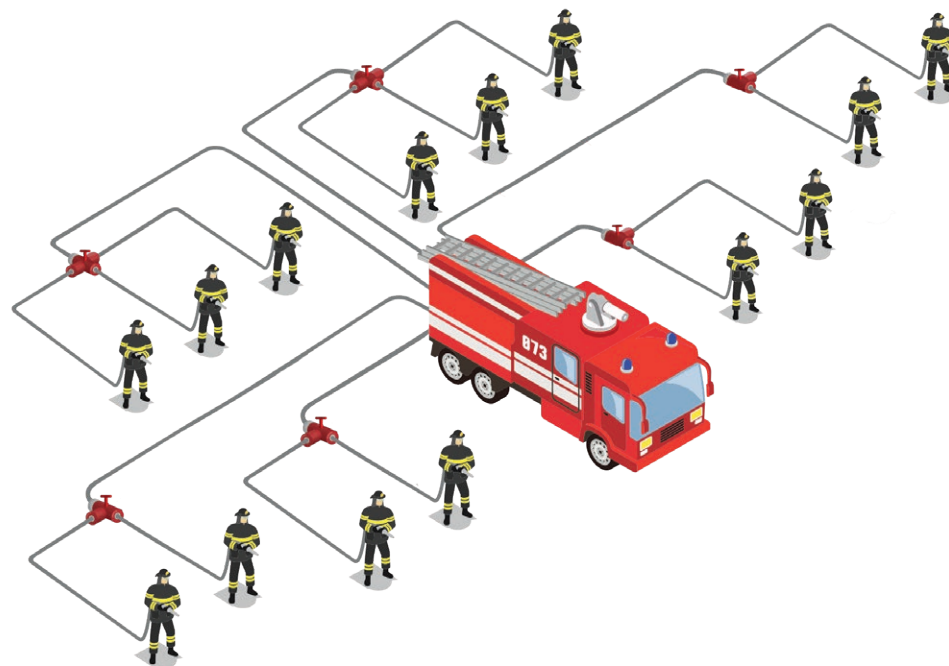




OS-14400-022-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES



- **Up to 14,400 l/min foam volume**
- **Operation of up to six 3.0" discharge outlets**
- **Simultaneous operation of up to fourteen 1.5" nozzles**

DESCRIPTION

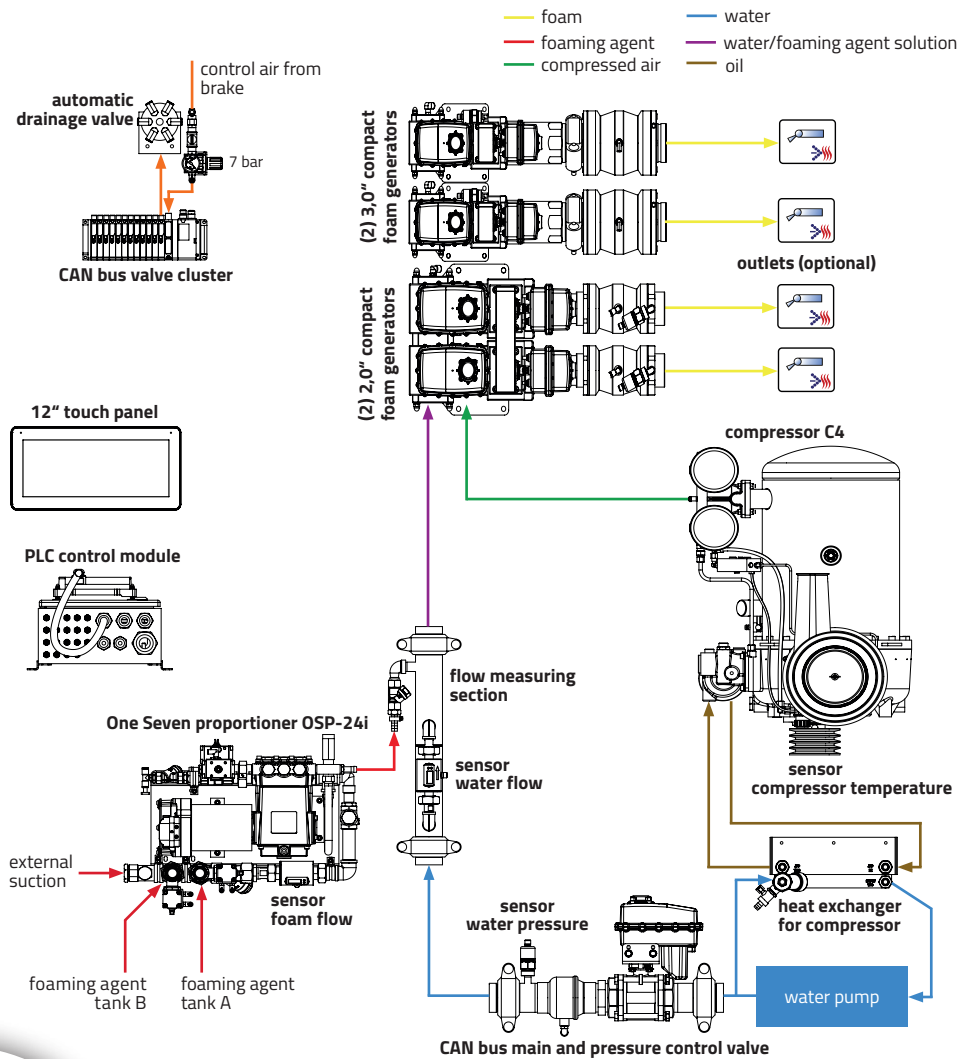
The OS-14400-022-B is the most powerful One Seven system for installation in municipal and industrial fire tankers with PTO and water pump.

Equipped with two 2.0" and two 3.0" One Seven compact foam generators a One Seven foam volume of up to 14,400 l/min can be produced. The maximum flow rate of water or wetting agent is 6,000 l/min.

Several outlet variants are available which can be configured individually according to customers' needs.

ONE SEVEN SYSTEM ADVANTAGES

- Flexible „all-in-one system“ for One Seven compressed air foam, wetting agent or water
- Start of the whole system by just one touch of a button
- Fully automated system, no manual action required
- Permanent flow and pressure control, automated adjustment if necessary
- Always constant, optimum One Seven foam quality due to automated adjustment of the mixing ratio
- Highest functional reliability due to permanent monitoring of all electrical components and parameters, automated emergency programs for continuous operation
- Serial possibility of remote access for fast service



ONE SEVEN SYSTEM

Standard	DLS 3600/10800 acc. EN 16327, ISO/DIS 7076-6
Foam capacity	Max. 14,400 l/min
Expansion ratio	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar

SYSTEM CONFIGURATION

Foam generators	(2) 2.0" + (2) 3.0" One Seven Compact Foam Generators
Water flow	Wet foam (water:air = 1:3): up to 3,600 l/min Wet foam (water:air = 1:6): up to 1,800 l/min Water/wetting agent: up to 6,000 l/min
Outlet options	<ul style="list-style-type: none"> Switchover for hose reel, monitor, front or back spraybar Outlet manifold for simultaneous operation of up to (14) 1.5" outlets and up to (6) 3.0" outlets

PROPORTIONING SYSTEM

Standard	EN 16327 - PPPS 2400/0.1-1.0
Drive	Electric brushless synchronous motor 1 kW, CAN bus controlled, variable speed
Pumpe	Plunger pump
Water sensor	Magnetic-inductive flow meter
Foaming agent sensor	Magnetic-inductive flow meter
Performance	0.3 ... 24 l/min at 10 bar
Working pressure	Max. 16 bar
Proportioning rate	0.1 ... 9.9 %, steplessly adjustable

COMPRESSED AIR SUPPLY

Source	OS C4 (R20) industrial rotary screw compressor
Drive	Belt drive / hydraulic drive
Power consumption	Max. 75 kW
Performance	10,800 l/min at maximum pump speed 10,000 l/min at nominal pump speed
Working pressure	8 bar
Cooling	Water cooling

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