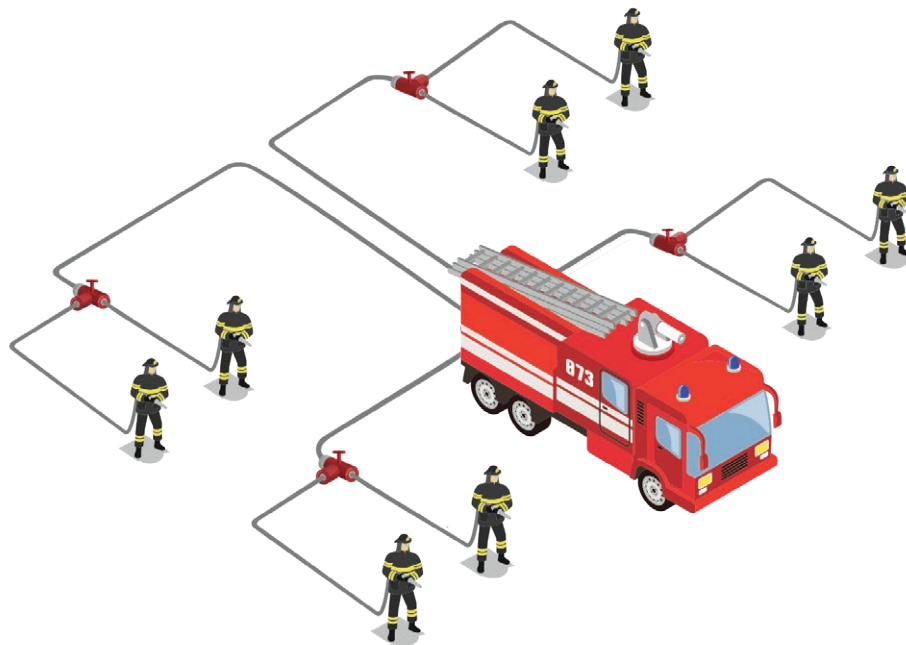




OS-8400-101-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES



- **Up to 8,400 l/min foam flow**
- **Operation of up to four 3.0" discharge outlets**
- **Simultaneous operation of up to eight 1.5" nozzles**

DESCRIPTION

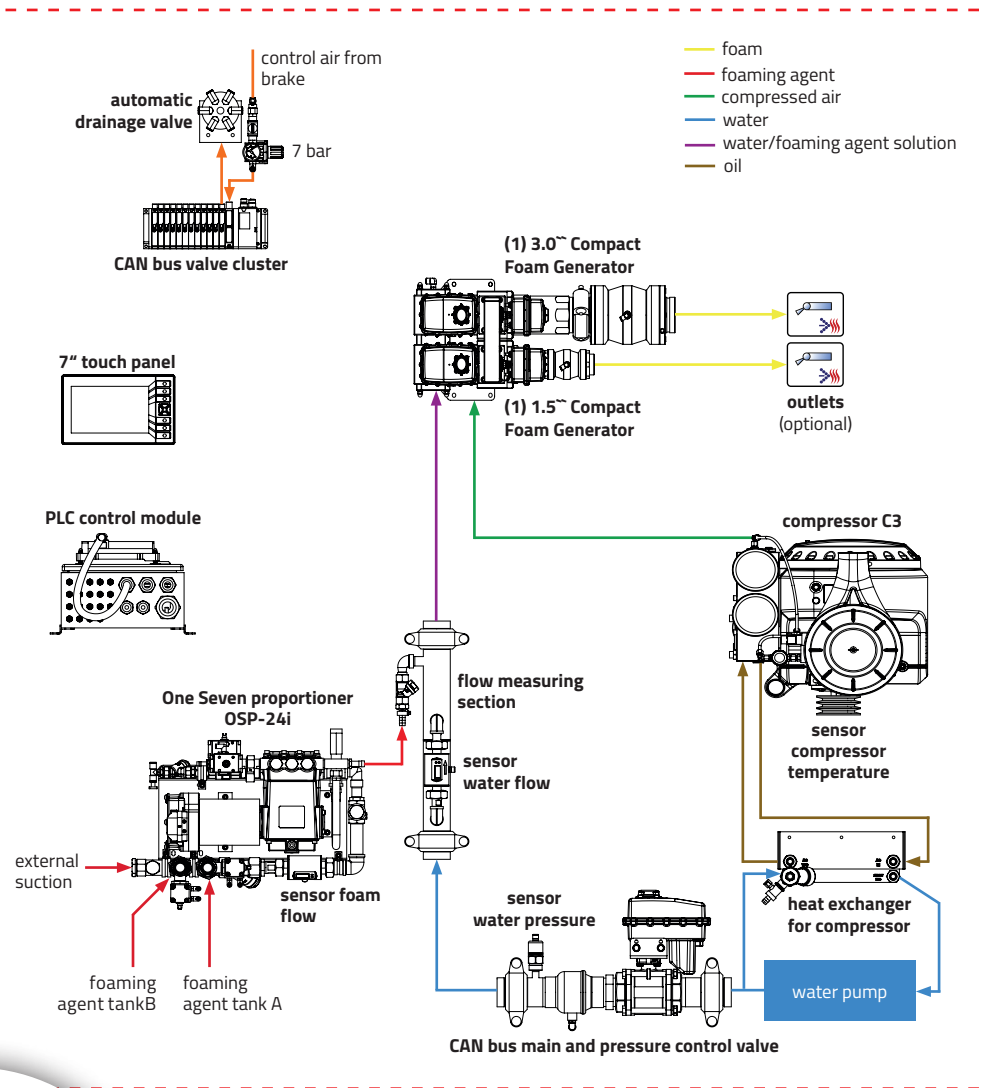
The OS-8400-101-B is a powerful One Seven system for installation in municipal and industrial fire engines with PTO and water pump.

The system is equipped with one 1.5" and one 3.0" One Seven compact foam generator as well as a 7,800 l/min compressor. This allows the system to produce up to 8,400 l/min of One Seven compressed air foam. The flow rate of water/wetting agent is up to 2,400 l/min. The independently operating foam generators make it possible to discharge wet and dry foam simultaneously.

Various outlet variants are available which can be configured according to customers' individual requirements.

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 1400/4200 acc. EN 16327, ISO/DIS 7076-6
Foam capacity	Max. 8,400 l/min
Expansion ratio	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar

SYSTEM CONFIGURATION

Foam generator	(1) 1.5" + (1) 3.0" One Seven Compact Foam Generator (CFG)
Water flow	Wet foam (water:air = 1:3): up to 1.500 l/min Wet foam (water:air = 1:6): up to 1.200 l/min Water/wetting agent: up to 2.400 l/min
Outlet options	<ul style="list-style-type: none"> Switchover for hose reel, monitor, front or back spray bar Outlet manifold for simultaneous operation of up to (8) 1.5" outlets and up to (4) 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
Pump	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 C3 (R9) industrial rotary screw compressor
Drive	Belt drive / hydraulic drive
Power consumption	Max. 54 kW
Performance	7,900 l/min at maximum pump speed 6,000 l/min at nominal pump speed
Working pressure	8 bar
Cooling	Water cooling



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