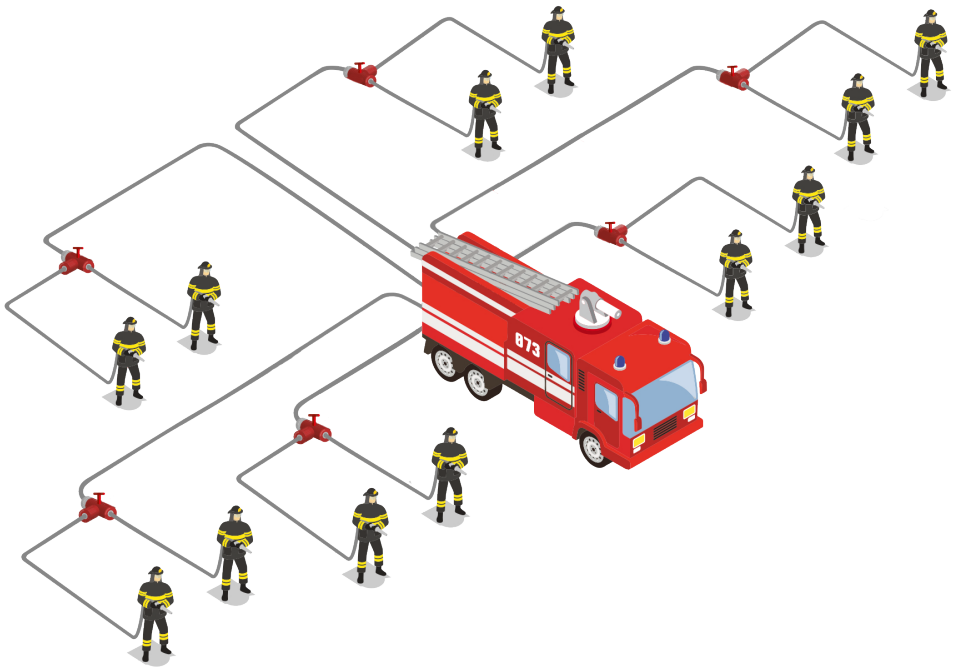
OS-12600-002-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES

one seven® PREMIUM



- **Up to 12,600 l/min foam flow**
- **Operation of up to six 3.0˝˝ discharge outlets**
- **Simultaneous operation of up to twelve 1.5˝˝ nozzles**

DESCRIPTION

The OS-12600-002-B is a One Seven system for installation in powerful fire fighting tankers. It is powered by the vehicle's PTO.

The system is equipped with two 3.0" One Seven compact foam generators which produce a One Seven foam volume of up to 12,600 l/min. The maximum delivery rate of water or wetting agent is 4,000 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

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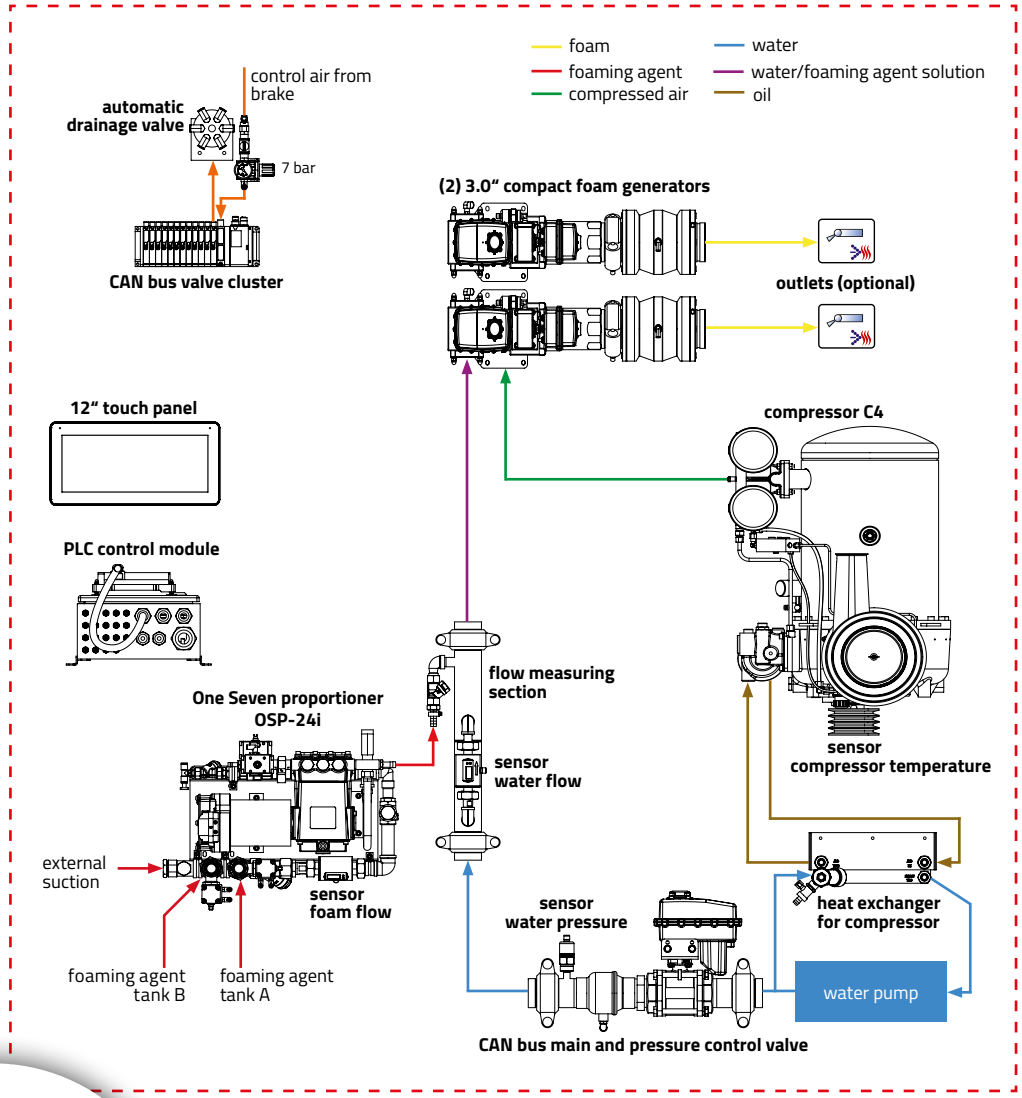

ONE SEVEN SYSTEM

Standard	DLS 2400/7200 acc. EN 16327, ISO/DIS 7076-6
Foam capacity	Max. 12,600 l/min
Expansion ratio	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar

SYSTEM CONFIGURATION

Foam generator	(2) 3.0¨ One Seven Compact Foam Generators (CFG)
Water flow	Wet foam (water:air = 1:3): up to 2,400 l/min Wet foam (water:air = 1:6): up to 1,800 l/min Water/wetting agent: up to 4,000 l/min
Outlet options	▪ Switchover for hose reel, monitor, front or back spraybar ▪ Outlet manifold for simultaneous operation of up to (12) 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
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 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

one seven®
PREMIUM

One Seven Premium CAFS GmbH

Am Honigberg 31 | 14943 Luckenwalde | Germany
Phone: +49 3371 6913-0
Fax: +49 3371 6913-99
E-mail: info@oneseven.com

www.oneseven.com