



OS-2700-200-B

ONE SEVEN PTO-DRIVEN SYSTEM SERIES



- Up to 2,700 l/min foam flow
- Operation of two 1.5" discharge outlets
- Simultaneous operation of up to two 1.5" nozzles

DESCRIPTION

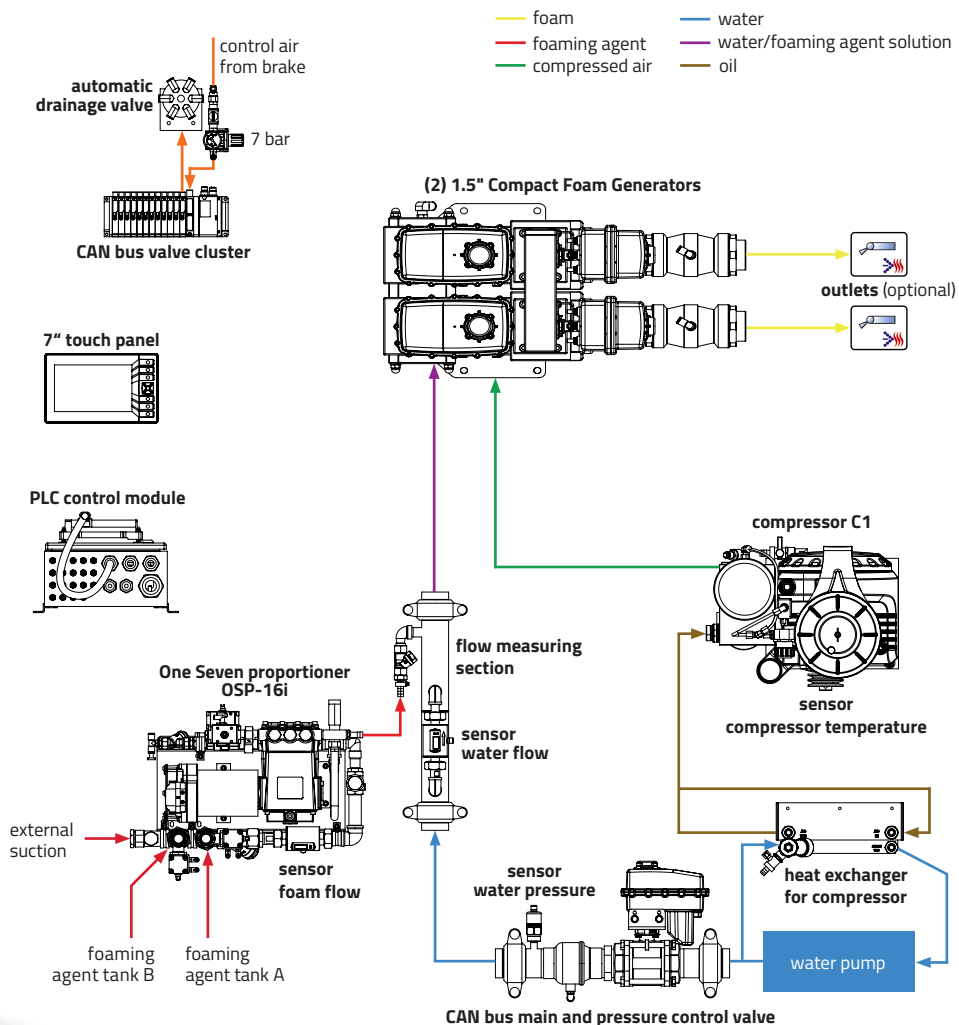
The OS-2700-200-B is a medium sized One Seven system designed for installation in primarily municipal fire trucks with PTO and water pump.

The maximum delivered One Seven foam volume is 2,700 l/min, the maximum flow rate of water/wetting agent is 800 l/min. By using two independently operating 1.5" One Seven Compact Foam Generators (CFG) wet and dry foam can be produced in parallel (for comparison: OS-2700-010-B = 1 x 2.0" CFG).

Various outlet variants are available which can be configured according to customers' individual 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 600/1800 acc. EN 16327, ISO/DIS 7076-6
Foam capacity	Max. 2,700 l/min
Expansion ratio	Approx. 7 (wet foam), approx. 20 (dry foam)
Working pressure	8 bar

SYSTEM CONFIGURATION

Foam generator	(2) 1,5" One Seven Compact Foam Generators
Water flow	Wet foam (water:air = 1:3): up to 600 l/min Wet foam (water:air = 1:6): up to 400 l/min Water/wetting agent: up to 800 l/min
Optionally available	<ul style="list-style-type: none"> Switchover for hose reel, monitor, front or back spray bar Outlet manifold for simultaneous operation of up to (2) 1,5" outlets

PROPORTIONING SYSTEM

Standard	EN 16327 - DZA 1600/0,1 - 1
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	0.2 ... 16 l/min at 10 bar
Working pressure	Max. 16 bar
Proportioning rate	0.1 ... 9.9 %, steplessly adjustable

COMPRESSED AIR SUPPLY

Source	OS C1 (R3) industrial rotary screw compressor
Drive	Belt drive / hydraulic drive
Power consumption	Max. 19 kW
Performance	2,300 l/min at maximum pump speed 1,800 l/min at nominal pump speed
Working pressure	8 bar
Cooling	Water cooling



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

