For more safety in tunnels

Easy-to-use technology for difficult situations combined with high extinguishing efficiency: the CAFS tunnel extinguishing system deprives the fire of oxygen quickly and cools its source. Great throw ranges allow the operator a safe distance to the fire. Thanks to its compact design, the tunnel extinguishing system can be mounted in niches with a depth of just 60 cm (24 in). Over 300 installations throughout Europe speak for this economic, low-maintenance tunnel extinguishing system.

Benefits

Immediate actuation
- Vehicle fires are easy to control in the first few minutes with the right fire extinguishing solution
- An efficient tool for first responders and rescuers
- Deployable on site and without delay

Efficient firefighting system
- Safe distance to the origin of the fire
- Maximum extinguishing performance thanks to CAFS
- Ultra-light, stable fabric hose
- Sufficient extinguishing agent volume

Easy and safe operation
- Flip the lever
- Remove the pistol-grip nozzle
- Unreel the fabric hose
- Actuate the pistol-grip nozzle

Specifically designed for tunnel operators:
- Easily retrofittable at any location
- Compact design

CAFS
- Expansion is actively controlled in the CAFS mixing chamber - protected from environmental effects
- Distributed over the entire source of the fire
- High throw ranges
- Uniformly high foam quality
- Sticks to hot surfaces
- Flames are extinguished more quickly because of oxygen deprivation
- Increased protection against back burning
- Low application rates
TUNNEL EXTINGUISHING SYSTEM
CAFS / Foam

Scope of Delivery

- Wall mount bracket
- Reel assembly with frame and deflecting device
- Ultra-light, stable fabric hose
- AFFF or AFFF-ARC extinguishing agent canister
- Pistol-grip nozzle with holder
- Connects to stationary water supply
- Custom design for mounting on central wall
- Sensor: system open/closed

Example
Extinguishing system in fire extinguishing niches.
Extinguishing system in emergency turnout bays.

Technical specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>60 / 32 S</th>
<th>60 / 25 S</th>
<th>60 / 19 S</th>
<th>80 / 19 S</th>
<th>120 / 19 S</th>
<th>60 / 25 S</th>
<th>80 / 25 S</th>
<th>120 / 25 S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extinguishing agent</td>
<td>CAFS (AFFF or AFFF-ARC)</td>
<td>Foam (AFFF or AFFF-ARC (alcohol resistant AFFF))</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activation</td>
<td>manual</td>
<td>electric</td>
<td>manual</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hose length</td>
<td>60 m 197 ft</td>
<td>60 m 197 ft</td>
<td>80 m 262 ft</td>
<td>120 m 394 ft</td>
<td>60 m 197 ft</td>
<td>80 m 262 ft</td>
<td>120 m 394 ft</td>
<td></td>
</tr>
<tr>
<td>Hose weight (filled)</td>
<td>71 kg 157 lbs</td>
<td>45 kg 99 lbs</td>
<td>29 kg 64 lbs</td>
<td>40 kg 88 lbs</td>
<td>60 kg 132 lbs</td>
<td>45 kg 99 lbs</td>
<td>60 kg 132 lbs</td>
<td>90 kg 198 lbs</td>
</tr>
<tr>
<td>Hose Ø (inside)</td>
<td>32 mm 1.26 in</td>
<td>25 mm 0.98 in</td>
<td>19 mm 0.75 in</td>
<td>25 mm 0.98 in</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throw range</td>
<td>up to 25 m</td>
<td>up to 22 m</td>
<td>up to 25 m</td>
<td>up to 82 ft</td>
<td>up to 25 m</td>
<td>up to 82 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Output</td>
<td>50—120 l/min</td>
<td>50—60 l/min</td>
<td>70—110 l/min</td>
<td>13—32 gpm</td>
<td>13—16 gpm</td>
<td>18—29 gpm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input pressure</td>
<td>7—15 bar 100—220 psi</td>
<td>8—16 bar 115-230 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proportioning</td>
<td>Ad-Mix Mechanical direct injection foam proportioner</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proportioning rate</td>
<td>1% 3%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compressed air cylinders</td>
<td>2 x 50 l / 300 bar 2 x 13.2 gal / 4,350 psi</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Art. No.
PP001-CM01 PP001-CE01 PP001-SM01 PP001-SM02 PP001-SM03 PP001-SM04 PP001-SM05 PP001-SM06

The TLA 60/25 S CAFS transmits various signals about the system to the control center in order to monitor its status.

Contact
Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria
Tel.: +43 732 6794-Ext
Fax: +43 732 6794-Ext
www.rosenbauer.com www.facebook.com/rosenbauergroup

Text and illustrations are not binding. The illustrations may show optional extras only available at extra charge. Rosenbauer retains the right to alter specifications and dimensions given herein without prior notice. TLA_DB_EN_2013-09