TECHNICAL SPECIFICATION

SIZING OF THE AMFE

For calculation of the required amount of extinguishing agent all applicable standarts and norms shall be considered. Standards which could typically be applied for sizing the extinguishing agent amount needed include:

NFPA 12
NFPA 2001
VdS 2093
VdS 2381
EN 15004
ISO 14520

CONFIGURATION

Dimensions (without cylinder): ø 16 mm x 62 mm / 0,63“ x 2,52“
Minimum installation depth: 20 mm / 0,79“ (w/o cylinders)
Activating temperature: 57°C – 260°C / 134,6° F - 500° F
Extinguishing agents: 3M™ Novec™, CO2
Lifetime: 9 years + (for the cylinders)
Maintenance free
Lifetime: ∞ for release mechanism
(see manual for details)

	Physical dimensions of the cylinder				Mounting brackets	3M NOVEC as fire extinguishing agent			CO2 as fire extinguishing agent	
						NOVEC content	Protected volume [m³]* with NOVEC			
Size	Size Diameter x length [mm]	Size Diameter x length [inch]	Volume [liter]	Volume [floz]	Recommended brackets [DIN 3016-1]	NOVEC volume [ml]	Class A[E] fire (4,2% NFPA 2001)	Class B fire (5,9% NFPA 2001)	CO2 weight [kg]	Protected free volume [m³]** with CO2 (NFPA 12, class A fire)
#0	22×128	⅞ x 5.04	0,026	0,81	RGSS 22	24	0,06	0,04	n. a.	n. a.
#1	35×154	1⅜ x 6.06	0,080	2,70	RGSS 35	72	0,19	0,14	0,035	0,037
#2	40×186	19⁄16 x 7.32	0,133	4,50	RGSS 40	120	0,32	0,23	0,060	0,075
#3	51×251	2 x 9.88	0,267	9,00	2x RSGU 56	241	0,64	0,46	0,135	0,084
#4	51×356	2 x 14.02	0,400	13,50	2x RSGU 56	360	0,96	0,69	0,200	0,124
#5	60×380	23⁄8 x 14.96	0,670	22,60	2x RSGU 63	603	1,61	1,15	0,350	0,217

* Protected volumes are estimates. NFPA2001 (2012) standard formulas have been applied. The manufacturer is not responsible for sizing. The actual sizing is the responsibility of the customer.

** Protected volumes are estimates. NFPA12 (2012) standard formulas have been applied. The manufacturer is not responsible for sizing. The actual sizing is the responsibility of the customer.

The parts below are available as standard. Other sizes and temperatures are available upon request.

AMFE

Part	Name	Description
10899	AMFE SR3 68	AMFE with JOB 68°C / 155°F bulb
10900	AMFE SR3 79	AMFE with JOB 79°C / 175°F bulb
10901	AMFE SR3 93	AMFE with JOB 93°C / 200°F bulb

S-AMFE

Part	Name	Description
11043	S-AMFE SR3 68	AMFE with JOB 68°C / 155°F bulb and sensor connection
11044	S-AMFE SR3 79	AMFE with JOB 79°C / 175°F bulb and sensor connection
11045	S-AMFE SR3 93	AMFE with JOB 93°C / 200°F bulb and sensor connection

AMFE and S-AMFE are also available in stainless design.

3M NOVEC cylinders

Size	Part	Name
#0	11100	Cylinder NOVEC 26 ml
#1	11101	Cylinder NOVEC 72 ml
#2	11102	Cylinder NOVEC 120 ml
#3	11103	Cylinder NOVEC 241 ml
#4	11104	Cylinder NOVEC 360 ml
#5	11105	Cylinder NOVEC 603 ml

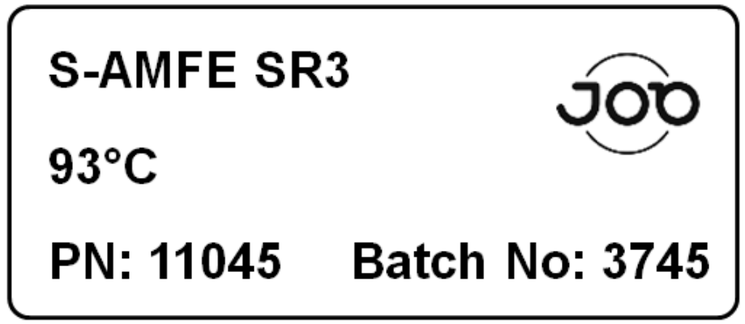
CO2 cylinders

Size	Part	Name
#0	n. a.	n. a.
#1	10945	CO2 35g / 100°C
#2	10946	CO2 60g / 100°C
#3	10947	CO2 135g / 100°C
#4	10948	CO2 200g / 100°C
#5	10949	CO2 350g / 100°C

CERTIFICATION

AMFE series by JOB is produced in Ahrensburg, Germany in accordance with all applicable standards. The AMFE also is RoHS conform (and confirms to the EU 2002/95/EC standard). The manufacturer of AMFE products is JOB - the leading brand in fire detection that stands for uncompromised quality. JOB complies with ISO 9001, ISO 14001 and carries other relevant certifications from organizations around the globe.

For extra information on the certification of each of the AMFE components, see this section:
INFO > CERTIFICATION



MARKING / TRACEABILITY

Each AMFE is marked with a label which, in addition to the type designation and activation temperature, shows the JOB part number and a unique batch number. This batch number guarantees a 100% traceability of all components being used for the product.

Thus, not only information about the components being used can be retrieved, but also details about all executed quality tests during the production process. In addition, the extinguishing agent cylinders also carry a unique serial number, which allows full traceability.

CONTACTS

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Check out this website for more information:

amfe.pro