

## Medium- Expansion Foam Pistol

### Operation

The SKUM Foam Pistol produces medium- expansion foam across a wide range of water pressures. It suppresses small liquid or Class A fires. It is also ideal for protecting small rooms and blanketing flammable liquid spills, as a preventative measure.

Foam acts as a more effective suppression agent than water, in some scenarios. Foam is ideal for use in suppressing flammable liquid fires. The SKUM Foam Pistol can expand the foam agent with water by a ratio of up to 30 to 50 times.

### Product Features

- Easy to use by untrained personnel
- Simple protection for small labs and facilities handling flammable liquids or solvents
- Connects to a wall hydrant or hose reel with a 20 mm (minimum) diameter hose
- Performs at a water pressure of 2 bar to 4 bar
- Additional proportioning equipment not required
- Rapidly produces a volume of up to 4 m<sup>3</sup> of medium-expansion foam

### Construction

The SKUM Foam Pistol has a built-in inductor to proportion the foam concentrate. Foam is drawn from a 2 L container by a water pressure of 2 to 4 bar and sent along a 20 mm diameter hose up to 30 m in length. The foam pistol has a 1 in. Male BSP thread.



E000733 / E000734

### Ordering Information

Part Number	Description
101824161	KR 03/90 3% c/w 1 in. BSP (M)
101824053	KR 03/90 ARC 3x3 c/w 1 in. BSP (M)
101824163	KR 03/90 1% c/w 1 in. BSP (M)
Special Model	Description
101824162	KR 03/90 3% c/w Storz-C coupling



E000732

### Application

- Industrial workshops
- Warehouses
- Laboratories
- Fire brigades

### Foam Concentrates

- **SKUM Foam Pistol model KR 03/90:** Multi-purpose foam concentrate such as SKUM METEOR T-10 for Class A or water immiscible flammable liquid fire risks (hydrocarbon types).
- **SKUM Foam Pistol model KR 03/90 ARC:** Alcohol resistant foam concentrate, such as SKUM ARC 3x3 on water miscible liquid fires (polar solvents).

For more information on specific guidelines, contact your local Johnson Controls Sales or Technical Support office.

### Specification

	KR 03/90 1%	KR 03/90 3%	KR 03/90 ARC 3x3
Foam concentrate*	2 L of SILV-EX G	2 L of METEOR T-10	2 L of SKUM ARC 3x3
Weight (empty)	2.9 kg		
Operating pressure water line	2 to 4 bar		
Water flow	30 to 40 Lpm		
Throw range	2 to 4 m		
Discharge with 2 L foam concentrate	4 to 5 min	1.5 to 2 min	1.5 to 2 min
Proportioning ratio	1%	3%	3%
Length	625 mm		
Height	400 mm		
Width	140 mm		

**Note:** \*Foam concentrate not included.

## Spare Parts

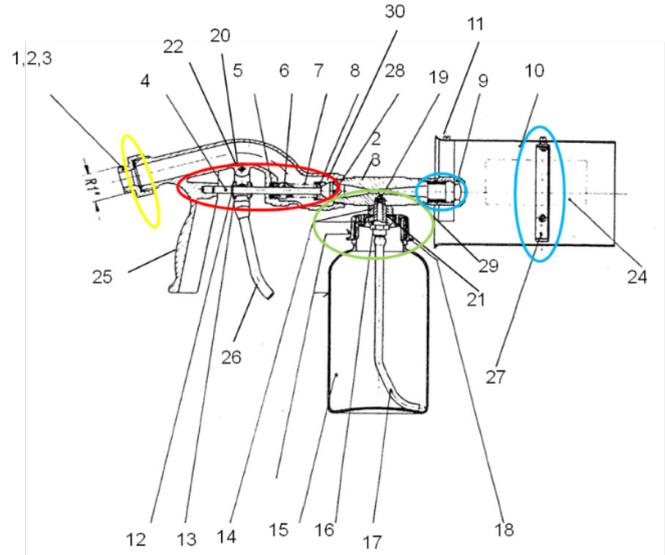
The following spare part kits are available for the medium expansion foam pistol KR 03/90:

Item	Description	Part number
<b>101824154 (Yellow)</b>		
1	Reducing piece	624083
2	Strainer	624163
3	Gasket	320407
<b>101824150 (Red)</b>		
4	Spindle	350563
5	Groove-ring	220155
6	Spring plate bottom	626049
7	Spring	250592
8	Spring plate top	71022
12	Retainer	330488
13	Sleeve	626046
28	Plug	220158
30	O-ring	220042
-	O-ring	71020
-	Buffer	71038
<b>101824151 (Green)</b>		
16	Nipple	330605
16a	Extension	320089
17	Dip tube	624217
18	Drilled cap	624144
19	Orifice	350457
21	2 x disk	330573
-	Disk	71014
<b>101824153 (Blue)</b>		
9a	Nozzle	624032
9b	Swirl chamber	252097
27	Mesh	350142
27b	Retainer	350120
27c	3 x screw	230302
29	O-ring	220494

Item	Description	Part number
15	2 L plastic bottle without cap	101252736
18	Cap for bottle (drilled)	101624144
-	Cap for bottle (undrilled)	101252963

The following spare parts are available on request:

Item	Description	Part number
10	Container	101624090
23	Induction nozzle	101624011
25	Body	101626428
-	Wall holder	101350638



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