

Z2 and Z4 Portable Foam Inductors

Description

Use the SKUM Z2 and Z4 portable foam inductors with general fire brigade applications. Use the Z2 and Z4 portable foam inductors in combination with low-expansion (S) or medium-expansion (M) foam branch pipes with the same flow characteristics.

The Z2 and Z4 inductors are designed for a defined water flow rate with a tolerance of +/-10%. The inductors have a pressure drop of 33% of the inlet pressure. The Z2 and Z4 portable foam inductors connect to the water line. Foam enters through a 25 mm pick-up tube from a container at atmospheric pressure. The preset flow of the foam concentrate continuously adds to the water stream.

Features

- Proportioning ratio from 0% to 6%
- Constant proportioning rate
- Compatible with back pressure of up to 2 bar
- Available in 200 Lpm and 400 Lpm constructions

Construction

The proportioning rate continuously varies between 0% and 6%. A bypass valve in the bottom of the inductor offsets back pressure and friction losses of up to 2 bar. When you turn off the water supply, a non-return ball valve prevents water from flowing back into the foam container.

Foam concentrate

Use any SKUM 1%, 3%, or 6% foam concentrates with the Z2 and Z4 portable foam inductors. Use a suitable type of foam concentrate for the risk area that requires protection. For example, for water miscible liquid fires, use ARC foam concentrates.

Ordering information

When ordering a Z2 or Z4 portable foam inductor, specify the following information.

Table 1: Part details

Part No.	Description
101825013	Z2 inductor 200 Lpm
101825039	Z4 inductor 400 Lpm
101625073	1.5 m pick-up tube complete with D-coupling
140201	C-Storz coupling 2 in. BSP male thread
130221	C-Storz coupling 2 in. BSP female thread
140341	B-Storz coupling 2 in. BSP male thread
130341	B-Storz coupling 2 in. BSP female thread

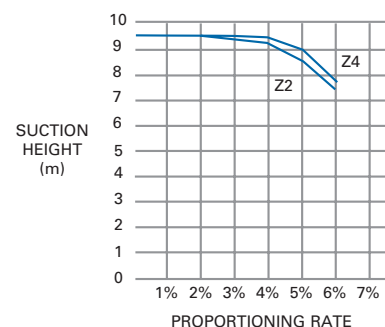
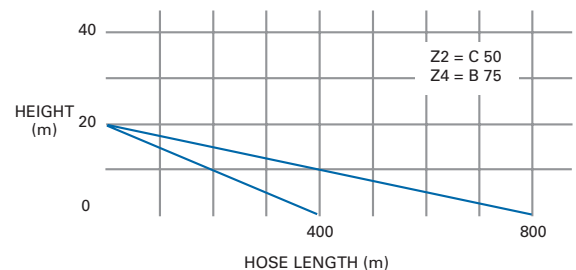


Performance data

Table 2: Specifications

Inductor:	Z2	Z4
Water flow:	200 Lpm	400 Lpm
Length:	305 mm	
Height:	137 mm	
Proportioning ratio:	0% to 6%	
Water inlet:	2 in. (DN50) female BSP	
Water outlet:	2 in. (DN50) male BSP	
Foam inlet:	Storz type D	
Weight:	4.6 kg	

Figure 1: Performance data graphs



Safety Data Sheets (SDS) are available at www.skum.com

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