

Portable Foam Inductors Model Z2 and Z4

Operation

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. Connect the inductors to the water line. Foam is drawn through a 25 mm pick-up tube from a container at atmospheric pressure. The preset flow of foam concentrate is continuously added to the water stream.

Application

The Z2 and Z4 inductors are developed for general fire brigade applications. To be used in combination with foam branchpipes low (S) or medium expansion (M) of the same flow characteristics.

Product Features

- Proportioning ratio from 0 to 6%
- Constant proportioning rate
- Works with back pressure up to 2 bar
- Available in 200 and 400 l/min construction

Construction

The proportioning rate is continuously variable between 0 and 6%. Back pressure and friction losses of up to 2 bar are compensated by a bypass valve in the bottom of the inductor. A non-return ball valve prevents water from flowing back into the foam container once the water supply is turned off.

Recommended Foam Concentrate

With the Z2 and Z4 inductors we recommend the use of any of our SKUM foam concentrates 1%, 3% or 6%. The foam concentrate used has to be of a suitable type for the risk to be protected (e.g. ARC foam concentrates for water miscible liquid fires).

Order Information - Please Specify

Part No.	Description
■ 101825013	Z2 INDUCTOR 200 L/min
■ 101825039	Z2 INDUCTOR 400 L/min
■ 101625073	Pick-up tube 1.5m c/w D-coupling
■ 101625072	Pick-up tube 1.0m c/w D-coupling



Performance Data

Inductors	Z2	Z4
■ Water flow	200 lpm	400 lpm
■ Length	355 mm	
■ Height	137 mm	
■ Proportioning ratio	0 to 6%	
■ Water inlet	2" (DN50) female BSP	
■ Water outlet	2" (DN50) male BSP	
■ Foam inlet	Storz type D	
■ Weight	4.6 kg	

For more information or regarding specific guidelines please contact us or email info@skum.com

