



FOAM MAKERS

The Chemguard Foam Maker is designed as an air aspirating discharge device used primarily for the protection of open floating roof storage tanks and dike protection systems. These devices are used in various types of proportioning systems such as bladder tanks, balanced pressure pump proportioning systems or line proportioners. The Foam Maker is normally installed in the discharge line of a semi-fixed or fixed foam fire protection system. The Foam Makers are used with appropriate Chemguard foam agents for the particular flammable liquid being protected. Chemguard Foam Makers are UL Listed for certain flow rates and pressures.

SPECIFICATIONS

The Chemguard Foam Maker incorporates an orifice, air inlet and mixing barrel. The body and orifice are corrosion resistant brass. The air inlet screen is corrosion resistant stainless steel.

Chemguard offers four Foam Maker models: CGFM1.5L, CGFM1.5, CGFM2.5 and CGFM2.5H. Models CGFM1.5L and CGFM1.5 are designed with a 1-1/2" female NPT inlet and 1-1/2" male NPT outlet. Models CGFM2.5 and CGFM2.5H are designed with a 2-1/2" female NPT inlet and 2-1/2" male NPT outlet. All models are clearly marked with the direction of flow.

An orifice is provided at the inlet to the Foam Maker and is designed to provide the required flow rate of foam solution at a specified inlet pressure. The air inlet provides uniform distribution of air into the foam solution stream to generate expanded foam. The air inlet screen conforms to the body of the Foam Maker and prevents damage by the entrance of foreign material.

FLOW RANGE

The following table lists the nominal flow range for each model Foam Maker. The minimum operating pressure is 30 psi, and the maximum operating pressure is 150 psi.

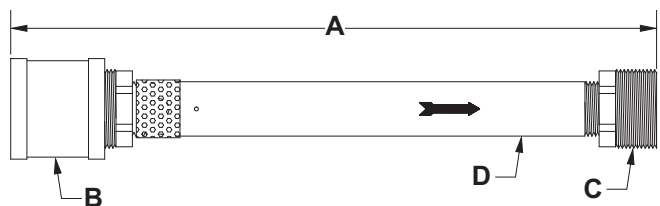
- Model CGFM1.5L 3.3 GPM TO 37 GPM
- Model CGFM1.5 24.6 GPM TO 83 GPM
- Model CGFM2.5 44.0 GPM TO 200 GPM
- Model CGFM2.5H 98.0 GPM TO 294 GPM

For custom flow rates, please consult your local Chemguard Sales Representative.

ORDERING INFORMATION

<u>Model</u>	<u>K-Factor</u>	<u>Part No.</u>	<u>Shipping Wt.</u>	
			<u>(lbs)</u>	<u>(kg)</u>
CGFM1.5L	0.6	EF10376-0.6	4	1.8
CGFM1.5L	0.8	EF10376-0.8	4	1.8
CGFM1.5L	1.0	EF10376-1.0	4	1.8
CGFM1.5L	1.5	EF10376-1.5	4	1.8
CGFM1.5L	2.0	EF10376-2.0	4	1.8
CGFM1.5L	2.5	EF10376-2.5	4	1.8
CGFM1.5L	3.0	EF10376-3.0	4	1.8
CGFM1.5	4.5	EF10385-4.5	5.5	2.5
CGFM1.5	6.0	EF10385-6.0	5.5	2.5
*CGFM1.5	6.8	*EF10385-6.8	5.5	2.5
CGFM2.5	8.0	EF10392-8.0	10	4.5
CGFM2.5	10.0	EF10392-10.0	10	4.5
CGFM2.5	12.0	EF10392-12.0	10	4.5
CGFM2.5	14.0	EF10392-14.0	10	4.5
*CGFM2.5	16.3	*EF10392-16.3	10	4.5
CGFM2.5H	18.0	EF12003-18.0	12	5.4
CGFM2.5H	20.0	EF12003-20.0	12	5.4
CGFM2.5H	22.0	EF12003-22.0	12	5.4
CGFM2.5H	24.0	EF12003-24.0	12	5.4

*UL Listed



<u>Model</u>	<u>**A-in.(mm)</u>	<u>B-FNPT</u>	<u>C-MNPT</u>	<u>D-Pipe</u>
CGFM1.5L ...	14.5 (368)	1-1/2"	1-1/2"	3/4"
CGFM1.5	14.75 (375) ..	1-1/2	1-1/2	1"
CGFM2.5	16.38 (416) ..	2-1/2"	2-1/2"	1-1/2"
CGFM2.5H ...	16.25 (413) ..	2-1/2"	2-1/2"	2"

** Dimensions ± 1/4" (6.5mm)