

## FWB FOAM EDUCTOR

### Features

- Tough proven design
- Metering valve adjustable from 1% to 6%
- Simple, economical proportioning operation

### Application

Rockwood Model FWB eductors are designed to introduce a variable percentage of foam concentrate into a pressurized water stream. The eductors provide an inexpensive foam proportioning selection where available water supply pressures are adequate. Typical applications include use by municipal fire departments, industrial fire brigades and CFR type vehicle personnel. These eductors can be used with ANSUL® foam concentrates.

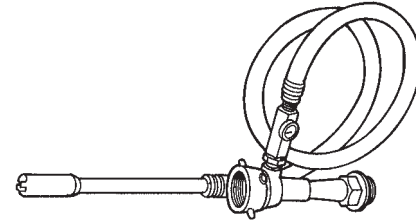
### Description

The Model FWB eductor bodies are constructed of brass. The eductor body is provided with a female swivel coupling on the inlet side and a male connection on the discharge side. The eductors have a metering valve variably adjustable from 1% to 6% concentration and have a flexible pick-up hose by which the foam concentrate is drawn up from the container. The metering valve contains a check valve which prevents a back-flow of water into the concentrate container in the event the nozzle is shut off or restricted.

All in-line eductors have a relatively high pressure drop. The pressure drop across a Rockwood eductor will be approximately 30% of the line pressure. Rockwood FWB eductors are designed to give maximum possible recovered pressure consistent with proper operation.

The FWB eductors will properly function only with limited back pressure on the device. Therefore, it is recommended that the maximum length of hose between the eductor and the nozzle is 100 ft (30.5 m) and the difference in elevation between the two devices should not exceed 20 ft (6.1 m).

Eductors must be matched with nozzles of equal gallonage rating.



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### Technical Data

Part No.	Size	Flow Rate	Normal Operating Pressure
420068	1 1/2 in. NH	50 gpm @ 150 psi (227 Lpm @ 10.3 bar)	75 to 175 psi (517 to 12.06 bar)
420069	1 1/2 in. NH	95 gpm @ 150 psi (360 Lpm @ 10.3 bar)	75 to 175 psi (517 to 12.06 bar)
420070	2 1/2 in. NH	120 gpm @ 150 psi (454 Lpm @ 10.3 bar)	75 to 175 psi (517 to 12.06 bar)

### Ordering Information

Part No.	Description	Approximate Shipping Weight	
		lb	(kg)
420068	FWB Eductor With Pick-up Tube and Metering Valve – 1 1/2 in. NH - 50 gpm (227 Lpm)	10	(4.5)
420069	FWB Eductor With Pick-up Tube and Metering Valve – 1 1/2 in. NH - 95 gpm (360 Lpm)	10	(4.5)
420070	FWB Eductor With Pick-up Tube and Metering Valve – 2 1/2 in. NH - 120 gpm (454 Lpm)	16	(7.3)
420071	Pick-up Tube – 1 1/2 in. – Replacement	2	(.9)
420072	Pick-up Tube – 2 1/2 in. – Replacement	4	(1.8)

Safety Data Sheets (SDS) are available at [www.ansul.com](http://www.ansul.com)

**Note:** The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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