



AR-AFFF Foam Stored Pressure Extinguisher Models

Badger's unique line of portable foam extinguishers contain an alcohol resistant (AR) type of aqueous film-forming foam (AFFF). They are specifically formulated for optimum performance in a hand portable fire extinguisher.

This means when sufficiently applied, *Universal Ultra's* vapor sealing capability can actually keep a fire from happening.

Badger foam units are effective on Class A common combustibles as well as hydrocarbon and polar solvent types of Class B flammable liquids, so they eliminate the application guesswork often associated with other foams.

The unique synthetic base of *Universal Ultra* foam has no offensive odor, is non-toxic, environmentally friendly, biodegradable and extremely simple to use and clean up.



F-250

F-100

Badger Universal Ultra AR-AFFF Foam
Highest Class B fire ratings in the industry

BADGER *Universal Ultra* AR-AFFF Foam Features

- Plated brass valve with stainless steel handles and lever
- Full stainless steel shell and base
- Easy to read two piece nameplate
- Hex nut valve attachment for ease of service
- Heavy duty anodized aluminum air aspirating nozzle
- Quick and simple recharge
- Highest Class B flammable liquid fire ratings
- Suppresses flammable liquid vapors to prevent re-ignition
- Extended extinguisher discharge times of 55 and 110 seconds
- UL listed
- Six year warranty

Applications

- *Manufacturing facilities*
- *Emergency response*
- *Construction sites and workshops*
- *Laboratories and test facilities*
- *Fuel handling and transfer areas*
- *Gas stations, service garages*
- *Warehouses and storage facilities*
- *Racetracks and showrooms*
- *Print shops and printing operations*
- *Solvent handling processes*

Technical Data: BADGER *Universal Ultra* AR-AFFF Foam Extinguisher Models

As today's industry moves toward automation and manpower reductions, the need for a hand portable fire extinguisher having both extinguishing and securing characteristics has never been greater!

Badger *Universal Ultra* foam extinguishers are the ideal choice for any hazard or application where Class B flammable liquids are handled or stored.

Foam extinguishers have the unique ability to not only extinguish fires, but also prevent reignition or reflash of flammable liquids by suppressing the vapors they emit.

When sufficiently applied, *Universal Ultra Foam's* vapor sealing capability can help prevent many flammable liquid spill situations from turning into fires. Foam extinguishers are the only hand portables able to provide double duty fire prevention.

The vapor securing capabilities of *Universal Ultra* foam make it the ideal choice for where obstacles such as flammable liquid containers might be involved in a fire and only one extinguisher operator is available.

Other extinguishing agents require extremely high agent flow rates or multiple and simultaneous application points to overcome the extinguishment problems presented by obstacles involved in the fire area.

For more on foam applications refer to Badger Technical Bulletins:

#104 *Fundamental Foam Fire Extinguisher Questions and Answers*

#107 *Flammable Liquid Spill Coverage Areas*

#108 *Foam Applications for Flammable Liquid Fires Other Than Appreciable Depth*

#109 *Foam Applications for Flammable Liquid Fires of Appreciable Depth*

MODEL	F-100			F-250		
PART NUMBER	23681			23697		
CAPACITY (gal.)	1.59			2.5		
CAPACITY (l)	6.0			9.5		
UL FIRE RATING	1-A:20-B			1-A:30-B		
AGENT TYPE	AR-AFFF Foam			AR-AFFF Foam		
CYLINDER MATERIAL	Stainless Steel			Stainless Steel		
VALVE MATERIAL	Plated Brass			Plated Brass		
HANDLE/LEVER MATERIAL	Stainless Steel			Stainless Steel		
EXPELLANT	Nitrogen			Nitrogen		
TEMPERATURE RANGE (F)	35	to	120	35	to	120
TEMPERATURE RANGE (C)	1.7	to	48.9	1.7	to	48.9
AGENT FLOW RATE (lb/sec)	0.03			0.02		
AGENT FLOW RATE (kg/sec)	0.01			0.01		
NOM. DISCHARGE TIME (sec)	50.0	to	55.0	90.0	to	110.0
DISCHARGE RANGE (ft.)	10.0	to	15.0	10.0	to	15.0
DISCHARGE RANGE (m)	3.0	to	4.6	3.0	to	4.6
UNIT HEIGHT (in.)	19.5			24.5		
UNIT HEIGHT (cm)	49.5			62.2		
UNIT WIDTH (in.)	8.75			8.75		
UNIT WIDTH (cm)	22.2			22.2		
UNIT DEPTH (in)	7			7		
UNIT DEPTH (cm)	17.8			17.8		
SHIPPING WEIGHT (lb)	10			12		
SHIPPING WEIGHT (kg)	4.5			5.4		
USCG APPROVAL	n/a			n/a		
	n/a			n/a		
BRACKET	H-11			UB-20		
	Optional			Optional/w post		

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