

HERCULES™ CAFS FOAM SYSTEM



FOAM SYSTEM INSTRUCTIONS

1. READ SYSTEM MANUAL BEFORE USING. ALWAYS WEAR PROTECTIVE GEAR. ALWAYS OPERATE IN A WELL-VENTILATED AREA. NEVER USE IN A CONFINED SPACE. ALWAYS USE PROPER HANDLING TECHNIQUES.
2. ALWAYS USE PROPER MIXING RATIO. (SEE CHART)
3. ALWAYS USE CLEAN AND DRY MIXING EQUIPMENT. ALWAYS USE CLEAN AND DRY AIR. ALWAYS USE CLEAN AND DRY WATER. ALWAYS USE CLEAN AND DRY FOAM SOLUTION.
4. ALWAYS USE PROPER PUMPING TECHNIQUES. ALWAYS USE PROPER PUMPING SPEED. ALWAYS USE PROPER PUMPING TIME. ALWAYS USE PROPER PUMPING PRESSURE. ALWAYS USE PROPER PUMPING VOLUME.
5. TO GET BEST RESULTS, ALWAYS USE PROPER PUMPING TECHNIQUES.

HUSKY 12 FOAM SYSTEM SPECIFICATIONS

CONCENTRATE CLASS TYPE: A-B-C-D-E
CONCENTRATE PROPORTIONING RATE: 0.1-1.0%
MAXIMUM INJECTION PRESSURE: 300 PSI

MAXIMUM SOLUTION CAPABILITY:

1.0% @ 4000 GPM (20-MAX PUMP CAPABILITY)
0.5% @ 2000 GPM (10-MAX PUMP CAPABILITY)
1.0% @ 1000 GPM (5-MAX PUMP CAPABILITY)
0.5% @ 500 GPM
0.1% @ 200 GPM

USE ONLY CONCENTRATES THAT ARE COMPATIBLE WITH THE FOAM PROPORTIONING SYSTEM. REFER TO THE FOAM PROPORTIONING SYSTEM MANUFACTURER'S OPERATING MANUAL.

QUICKLY AND SAFELY KNOCKDOWN CITY, STRUCTURAL, INDUSTRIAL AND RURAL FIRES.

In contrast to water, Hercules™ CAFS has a much lower surface tension that allows it to spread quickly, cover widely and cling more aggressively to the surface. The result? Agent that penetrates fuel faster from a safer distance with less exposure to heat.

Hercules adds compressed air to the foam and provides better control of the bubble structures. Firefighters gain control of fires faster while reducing water usage and lightening handlines with better exposure protection. This is especially vital when dealing with synthetic-fuel-based fires commonly found in room-and-contents situations, car interiors and rubber tires.

Each discharge has an air injection switch. The discharge control is used to regulate the water flow between wet and dry CAFS.

CAFS Systems	140	200
CFM	140 @ 125 psi	200 @ 125 psi
Wet Handlines (1¾")*	3	4
Wet Handlines (2½" with 1⅜" tip or bigger)	1	1
Dry Handlines (1¾")**	2	3
Dry Handlines (2½" with 1⅜" tip or bigger)	1	1
Drive	Hydraulic	PTO

*Wet Handlines consist of 2 parts water, 1 part air (minimum of 90 gpm at 45 cfm)
**Dry Handlines consist of 1 part water, 1.5 part air (maximum of 40 gpm at 60 cfm)



Features

- Excellent, durable exposure protection when sprayed on adjacent structures, forming an insulated blanket. The white color also reflects heat.
- Easy-to-use, compact design can be added to any Husky™ foam system.
- All controls are located at the pump panel and easily fit into any pump panel for organized operation.
- Powerful CAFS compressor, with a minimum requirement of 200 cfm (cubic ft/minute). Quiet and efficient for mobile applications.
- Compressor control: Automatic pressure regulation, fixed pressure regulation, PTO engagement switch and the PTO engaged indicator lights – operators can easily activate the compressor and adjust foam ratios in response to changing fire conditions.
- Hercules pressure balance system features fewer hoses to install and maintain.
- Exclusive check valve system is integrated within the discharge valve, enhancing serviceability and reliability of the CAF discharge.

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