

**Model 0120-050 with Manual C.A.F. Control System, Hydraulic Drive** Part #: 800070  
Compressed Air Foam System

**Performance**

Pump Output	Rated Capacity	120 gpm @ 100 psi
	Maximum Pressure	135 psi
CAFS Output	One (1) 1-1/2" (38mm)	
	Rated Capacity	350 gpm @ foam delivery pressure
	Rated Pressure	125 psi
Water Output	One (1) 1-1/2" (38 mm)	
	Rated capacity	100 gpm @ 100 psi (not operating CAFS line) 50 gpm @ 80 psi (while operating CAFS line)

**General Specifications - Standard**

Frame Construction	Welded Steel
Finish	Powder Coated, Stainless Steel Control Panel
Plumbing	304 Stainless Steel Sched 40 Plumbing with Stainless Steel Valves
CAFS Outlets	One (1) 1-1/2" (38mm) Outlet
Control Type:	Manual
Water Pump	
Make:	ACE
Type:	Hydraulic driven, Centrifugal
Inlet x Outlet:	2" (50mm) x 1-1/2" (38mm) NPT
Hydraulic pump	
Type:	Duel element gear
Hydraulic motor	
Type:	Fixed displacement gear (2)
Air Compressor	
Type:	Rotary screw, oil flooded
Output:	50 cfm @ 125 psi
Maximum pressure:	135 psi
Chemical Injector	
Type:	Water driven hydraulic, automatic flow compensating
Capacity:	45 gpm
Maximum pressure:	135 psi
Application rate:	0.2-2.0% Standard

**Dimensions**

Depth	43 in	(1093 mm)
Width	24 in	(610 mm)
Height	33 in	(839 mm)
Weight (est.)	350 lbs	(160 kg)

**Model 0090-040 with Manual C.A.F. Control System, Gasoline Engine** Part #: 800071  
Compressed Air Foam System

**Performance**

Pump Output	Rated Capacity	90 gpm @ 100 psi
	Maximum Pressure	120 psi
CAFS Output	One (1) 1-1/2" (38mm)	
	Rated Capacity	350 gpm @ foam delivery pressure
	Maximum Pressure	125 psi
Water output	One (1) 1-1/2" (38 mm)	
	Rated capacity	90 gpm @ 100 psi (not operating CAFS line) 45 gpm @ 100 psi (while operating CAFS line)

**General Specifications - Standard**

Frame Construction	Welded Steel
Finish	Powder Coated, Stainless Steel Control Panel
Plumbing	304 Stainless Steel Sched 40 Plumbing and Stainless Steel Valves
CAFS Outlets	One (1) 1-1/2" (38mm) Outlet
Control Type:	Manual
Engine	
Make:	Kohler
Type:	2 cylinder, Gas, Liquid cooled
Inlet x Outlet:	25 HP @ 3600 rpm
Water Pump	
Make:	ACT-8SD
Type:	Single stage centrifugal
Inlet x Outlet:	2" (50mm) x 2" (50mm) NPT
Air Compressor	
Type:	4 cylinder, water cooled, pressure lubricated
Output:	42 cfm @ foam delivery pressures
Maximum pressure:	125 psi
Chemical Injector	
Type:	Water driven hydraulic, automatic flow compensating
Capacity:	45 gpm
Maximum pressure:	125 psi
Application rate:	0.2-2.0% Standard

**Dimensions**

Depth	33 in	(838 mm)
Width	40 in	(1220 mm)
Height	31 in	(787 mm)
Weight (est.)	450 lbs	(205 kg)

**Support Requirements**

- ✓ Foam concentrate storage minimum of 50 litres (10 US gallon)
- ✓ Water Supply
- ✓ Fuel Supply