

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #5
Date: March 2011 Section #: 5	TOPIC TITLE Pneumatic Pump	Total # of Pages: 1 Topic #22:



Pneumatic Pump:

Description:

A self-priming, air operated pump for agitating and transferring foam. It is to be supplied by the plymovent air compressor in the firehouse or can be powered by an SCBA bottle and a regulator. Max air pressure is 100 psi. Air bottles will be depleted in under three minutes of run time. Each foam unit in the Cincinnati Fire Department is assigned a pneumatic pump.

Use:

Attach air line to the pump to begin operation. To agitate foam place the suction hose to the bottom of the foam barrel and the discharge hose near the top. Start pump. To transfer foam place suction end of pump into full container of foam and the discharge hose to the desired location. The pump moves about 5 gallons of foam in 50 seconds.

Maintenance:

The pump must be flushed with water immediately after each use. Flow water until clear, foam free water flows from the discharge. Check tightness of hose fittings before and after each use.