



POWER-FILL **(Portable AC system)**

Special Note: When preparing specifications for your new concentrate transfer system, assure the use of a FoamPro *POWER-FILL* by incorporating these specifications. No competitive foam transfer system can match FoamPro performance and dependability.

To increase safety of firefighter personnel, the apparatus shall be equipped with pre-plumbed piping to allow maximum flow from the portable refill pump. System shall operate independently of the foam proportioner allowing simultaneous use. Refill operation shall not require vehicle engine or fire pump to be running. The system shall be capable of handling Class A or Class B foam concentrates, emulsifiers, gels and decontamination concentrates. The apparatus shall be plumbed from the externally accessed intake port to the concentrate cell following manufacturer's recommendations. External fill connections to be quick-connect, cam-lock type and incorporate check valve to prevent backflow. Concentrate tank inlet shall be positioned to minimize agitation per manufacturer's recommendations. The refill operation shall be based on direct measurement of concentrate level in tank and provide visual warning to the operator when full. A panel plate shall identify and incorporate "full tank" indicator and intake connection.

The system shall enable the operator to perform the following control/operation functions and status indicators for the refill operation:

- a) Manually engage/disengage refill pump
- b) Advise operator when concentrate cell is full
- c) Allow override of "full" condition

System shall include a 110 volt AC electric motor driven, positive displacement concentrate pump. Pump shall deliver minimum flow of 10 gpm (37.8 L/min) @ 20 psi with all concentrates currently utilized in fire apparatus. Pump body to be of all bronze construction and other wetted components and piping to be constructed of non-corrosive materials. The system will draw a maximum of 15 amps. The power cord shall incorporate a GFI plug and manually operated momentary power switch. The pump and motor assembly shall include carrying handle. The system shall receive readings when the concentrate tank is full and warn operator to prevent overflow.

Components of the complete refill system shall include:

- a) Refill quick connect cam-lock fittings
- b) Check valve
- c) Pump and electric motor assembly with 20 foot cord and GFI
- d) Strainer
- e) Tank level switch
- f) Stainless steel pick-up wand and 6 feet of reinforced suction hose, 1" in diameter to allow maximum flow
- g) Panel placards

An installation and operation manual shall be provided, along with a one-year limited warranty by the manufacturer. The system must be installed and plumbed by a Certified FoamPro Dealer. When two types of concentrates are to be used, a separate refill system must be specified for each. Hypro Corporation cannot assume responsibility for product failure resulting from improper maintenance or operation. Hypro is responsible only to the limits stated in the product warranty. Product specifications contained in this material are subject to change without notice.



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