

CALCOTE FILL SYSTEMS

LIQUID DISPENSING/UNLOADING SYSTEMS



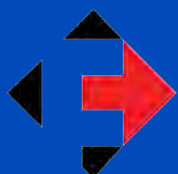
CFS-1000



CFS-1500

GVM's Calcote Fill Systems (CFS) are designed to transfer chlorides and other liquid pre-wet solutions between storage tanks and truck mounted tanks. The systems dispense pre-wet solutions used to pre-wet de-icing materials, into truck mounted tanks, as well as unload the unused liquids from truck mounted tanks and return them to a storage tank. All stations are user friendly and built with a sturdy construction to help endure the harsh environment of winter road de-icing operations. To accommodate needs from small operators to large state highway and transportation departments, Calcote Fill Systems are available in two models: CFS-1000 and CFS-1500, with pump systems that output 50 to 200 gallons per minute.

- Work light allows for safe and efficient operation 24 hours a day
- Dispenses all common pre-wet/de-icing liquids
- Constructed of materials and components proven to be durable in the harsh environment of winter road de-icing
- Full line of polyethylene storage tanks ranging from 300 to 10,000 gallons in size
- Includes a multiple setting timer to allow for short cycle shut-off, long cycle recirculation, and automatic shut-off



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| | CFS-1000 | CFS-1500 |
|------------------------------------|---|--|
| Overall height | 108 in. | |
| Base/main body construction | Fabricated steel 3 x 3 ft base. Main body is fabricated with 3 in. square tube steel with hose racks attached. All fabricated steel components are hot dipped galvanized, meeting ASTM A-123, for corrosion protection and long life. | |
| Pump/motor assembly | Polypropylene centrifugal pump with 2 in. suction and 1-½ in. discharge. Close coupled to 2 hp, 220V single phase, TEFC electric motor. 90 gpm max flow rate. | Polypropylene pump with 2 in. intake and 2 in. discharge. Close coupled to 5 hp, 220V single phase, TEFC electric motor. 195 gpm max flow rate. Three phase motor available. |
| Pump/motor housing | Rotationally molded polyethylene, UV stabilized, weathertight housing, vented for air circulation. Dimensions: 11 x 22 x 12 in. (L x W x H) | SS, weathertight, vented for air circulation. Dimensions: 11 x 22 x 12 in. (L x W x H) 195 gpm max flow rate. Three phase motor available. |
| Electrical system | Weathertight NEMA 4X fiberglass enclosure with main disconnect, magnetic motor starter, "on" button with indicator light, "stop" button and green "run" light. All exterior connections are non-metallic flexible conduit with liquid-tight connectors. Modular timer with multiple settings. | |
| Work light | 175 watt LED | |
| Plumbing components | 3-way poly ball valves are used for directional flow control on suction and discharge of pump. All fittings are polypropylene and SS. | 3-way poly ball valves are used for directional flow control. All fittings are polypropylene and SS. |
| Fill hose | 25 ft of 1 in. chemical resistant rubber hose with poly valve and poly camlock quick coupler. | 25 ft of 2 in. chemical resistant rubber hose with poly valve and camlock quick coupler. |
| Unload hose | | |
| Warranty | 1 year, Bumper-to-Bumper | |



Vertical Storage Tanks

White or Blue Vertical Storage Tanks are most frequently used for our Pedestal Pre-Wet Systems. Norwesco vertical tanks feature tie-down slots, built-in graduated gallon indicators, an offset fill-opening and a self-vented, slosh-proof lid.

Note: Storage tanks are constructed of molded UV resistant polyethylene, suitable for water and most chemicals. Multiple variety of sizes, shapes and styles are available.



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