



## TECHNICAL SPECIFICATIONS

### Blue1 Remote Mini-Bulk DEF Storage and Dispensing System 500, 750, 1000, 2000, 3400, 5000 or 6000 Gallon models

#### Sizes

|                    |   |
|--------------------|---|
| 500 Gallon         | Dims: 44" w x 107" l x 89" h. Weight: Approx. 1800 lbs    |
| 750 Gallon         | Dims: 44" w x 107" l x 99" h. Weight: Approx. 2000 lbs    |
| Narrow 1000 Gallon | Dims: 48" w x 131.5" l x 110" h. Weight: Approx. 2200 lbs |
| 2000 Gallon        | Dims: 72.5" w x 197" l x 94" h. Weight: Approx. 3500 lbs  |
| 3400 Gallon        | Dims: 92.5" w x 192" l x 107" h. Weight: Approx. 4500 lbs |
| 5000 Gallon        | Dims: 100" w x 227" l x 116" h. Weight: Approx. 5500 lbs  |
| 6000 Gallon        | Dims: 110" w x 231" l x 126" h. Weight: Approx. 6500 lbs  |

#### Exterior Shell

|                   |  |
|-------------------|--|
| Insulated Housing | R-6 Insulated FRP panels. Leak tight housing provides secondary containment. |
| Color             | White  |
| Transport         | Inserts for fork lift handling   |
| Heating           | Optional thermostatically controlled heater                                  |
| Branding          | Blue1 or custom branding   |

#### Primary Tank

|                    |   |
|--------------------|---|
| Type               | Single wall HDPE Horizontal Tank                                    |
| Volume             | 500, 750, 1000, 2000, 3400, 5000 or 6000 Gallons                    |
| Material           | High Density Polyethylene   |
| Sensor             | Level probe Endress + Hauser FMI21                                  |
| Digital Display    | Endress + Hauser RIA 45   |
| Overfill Alarm     | Acoustic Horn with reset button                                     |
| Filling Connection | Emco Wheaton 2" dry break connection, max filling speed 125 Gal/min |

#### Submersible Pump

|                     |  |
|---------------------|--|
| Manufacturer / Type | Leader pump type Bluediver 1200, 1 HP, 4 impellers |
| Materials           | Stainless steel and plastic                        |
| Electrical          | 115 V, 60 Hz, 1.1 kW,                              |
| Convey Volume       | max 24 gal/min, H max 79 ft.                       |
| Convey Pressure     | max 64 PSI   |
| Operating Temp.     | 0° to +113° F                                      |

#### Dispenser

Third party remote dispenser to be installed at fuel island, tied into mini-bulk via underground or above ground piping and wiring. Dispenser, meter, and other equipment installed according to the manufacturer's specifications.

#### Electrical connections

Pre-wired electrical components certified to UL-508A and CSA C22.2 No. 14-10 standards  
Unit must be installed in non-hazardous area, outside of Class 1, Div. 2 zone  
Wired per NEC, NFPA 70  
Single Phase, 120V, 30 amp service required

#### OPTIONS

|                                 |  |
|---------------------------------|--|
| Heater w/ Thermostat            | Variable 375-1500 Watt, Fan Forced, UL listed w/ integral thermostatic control |
| Housing Exhaust Fan             | 4.5" 115V, 35 CFM, with timer relay  |
| Overfill Prevention Valve       | Stainless Steel Overfill Prevention Valve                                      |
| Product Filter                  | 1 micron polypropylene cartridge filter and housing                            |
| Interstitial Leak Detection     | Endress+Hauser liquid sensor   |
| Remote Monitoring               | Veeder Root Mag Probe .2 gph, 2" Float. Requires site controller.              |
| Retail Dispenser Deck Extension | For installation of dispenser  |