



TECHNICAL SPECIFICATIONS

Blue1 Box Mini-Bulk System: 1000 Gallons

Size	
1000 Gallon	Dims: 46" w x 110" l x 91" h Weight: Approx. 1500 lbs

Exterior Shell	
Housing	Molded HDPE exterior. Leak tight housing provides secondary containment.
Color	Grey
Transport	Inserts for fork lift handling
Heating	Optional thermostatically controlled heater
Branding	Blue1 or custom branding

Primary Tank	
Type	Single walled HDPE Vertical
Volume	1000 Gallons
Material	High Density Polyethylene
Sensor	Over fill and level probe Endress + Hauser FMI21
Digital display	Endress + Hauser RIA 45
Overfill Alarm	Acoustic Horn with reset button
Filling connection	2" dry break connection, max filling speed 125 Gal/min

Flow Meter	
Manufacturer/ type	Piusi Turbinox
Measuring principle	Turbine meter
Material (in contact w. media)	Stainless Steel Housing
Metering range	3-11 Gal/min
Operating pressure	300 PSI.
Metering precision at flow rate	+/- 1 %, 3-11 Gal/min
Pressure Drop	< 2.2 psi
Connection	G1" male
Operating temp.	14° to +122°F
Output	Pulse, single channel Reed Switch, not WM approved

Dispensing nozzle/ hose	Built in dispenser with hose balancing system, hose, PW/Elaflex filling nozzle with magnet and nozzle switch, free hose length 14.5 ft. 100:1 Pulse Output included for connection to card readers Single sided; the panel can be located on both sides. Remote or Economy Model also available
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Electrical connections	Prewired electrical components: certified to UL-508A and CSA C22.2 No. 14-10 standards Should be installed in non-hazardous area. Wired per NEC, NFPA 70 Single Phase, 120V, 30 amp service required
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OPTIONS

Tank/Housing	
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	Polypropylene housing and cartridge filter. 1 micron
Remote Monitoring	Veeder Root Mag Probe .2 gph, 2" Float. Requires site controller.
Insulation Package	Spray Foam insulation package