

Level Sensor for Auto Refill

33.55 in [852]

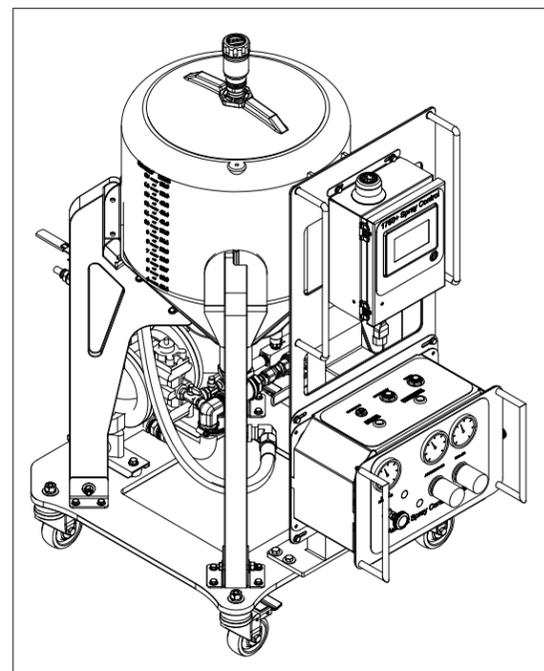
48.81 in [1240]

Air Inlet  
1/2" NPT(F)

Liquid Pressure  
Gauge

Liquid Return  
(Re-circulation)  
1/2" NPT(F)

Liquid Outlet  
1/2" NPT(F)



MULTI-CONTROL PANEL MOUNTING  
(OPTIONAL)

## Spray Control System (SCS) Series - Coating Supply Unit

### FEATURES

The Coating Supply Unit is designed for applications that require a larger tank size (15 gal/56.8 L) and that may benefit from a higher flow rate system with more automated capabilities with the inclusion of auto-refill.

The Coating Supply Unit fluid delivery consists of a diaphragm pump mated to a back-pressure regulator that allows for excess fluid pressure to be re-circulated back to the supply tank. The outlet and re-circulation ports of the system have manual 2-way ball valves that allow the user to enable/disable output flow to the nozzles or manifold for recirculation.

**Note:** The Coating Supply Unit requires the use of an Air Control Package (ACP).

### Spray Control Panel

- Compatible with the 1000+, 1750+, and 2150+ spray control panels.

### Multi-Controller Mount (Optional)

Enables the mounting of your spray control panel **and** an ACP *or* HD15 directly on the Coating Supply Unit.

### Optional Components

#### HD15

- For applications that require fluid heating.

#### Auto-Refill

- Module that allows for the refill the supply tank during operation.
  - *Level Sensor*  
Displays the current tank level as a percent to full. The refill set point can be adjusted for user preference.

### SPECIFICATIONS:

#### Air Control Package (ACP) Maximum Pressures

- Liquid: 100 psi (7 bar)
- Atomizing air: 100 psi (7 bar)
- Fan air: 100 psi (7 bar)

*Note: See ACP Data Sheet for other pressure options.*

#### Air Line - Input

- User supply pressure: 80 psi - 100 psi (max.)
- Inlet port: 1/2" NPT(F)
- Normal Consumption: 10 SCFM (283.17 SLPM)
- Maximum Consumption: 40 SCFM (1132.68 SLPM)

#### Supply Tank

- Capacity: 15 gal (56.8 L)
- Material: polyethylene

#### Pump

Diaphragm pump

- Liquid pressure: 20-80 psi (max.)
- Max. liquid temperature: 180°F (82°C)
- Flow rate: 12 GPM (45.4 l/min) max. (ambient water)

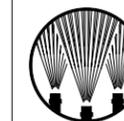
#### Total Configuration Weight

Approx. 150 lbs. (68 kg)

**Note:** Exact weight of system configuration depends on spray control panel and component selection.

### DESCRIPTION:

SPRAY CONTROL SYSTEM (SCS) SERIES  
COATING SUPPLY UNIT  
THREADED & SANITARY VERSIONS



**Spraying Systems Co.**<sup>®</sup>

Spray Nozzles and Accessories  
P.O. Box 7900 - Wheaton, IL 60189-7900

REVISION NO.

Data Sheet No.

REFERENCE:

SCS Series - Coating Supply Unit

1

SHEET:

1 OF 1

DWG SIZE:

B