

MULTI-PANEL MOUNTING (OPTIONAL)
ATOMIZING AIR & SPRAY CONTROLS

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 SLP)
- Maximum Consumption: 40 SCFM (1132.68 SLP)

Supply Tank

- Capacity: 15 gal (56.8 L)

Wetted Materials:

- 300 Series Stainless steel, PTFE, Viton (FKM) Polyethylene, Hytrel (TPE).

Pump

Diaphragm pump

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

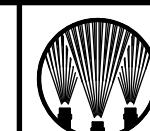
Total Configuration Weight

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 (FOOD CONTACT) VERSION



Spraying Systems Co.®
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

REVISION NO.

2

Data Sheet No.

REFERENCE:

1

SCS Series - Coating Supply Unit
SHEET: 1 OF 1 DWG SIZE: B