Sullivan Palatek

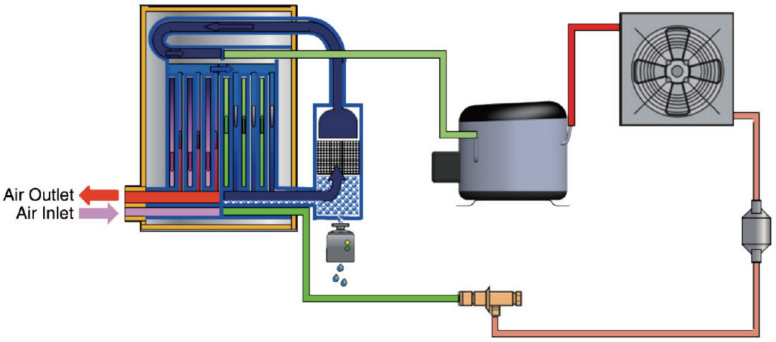
REFRIGERATION AIR DRYERS

SSD SERIES & PD SERIES

SSD-SERIES 42-141 CFM
PD-SERIES 230-777 CFM

Dependable by design.™

SSD Series
Refrigeration Compressed Air Dryer



FEATURES

Built with the highest quality components, the SSD Series Refrigeration Dryers are both robust and reliable. The pre-cooler, evaporator, water separator and air connections are made of 304 stainless steel to avoid any secondary pollution to the clean air. Refrigeration circuits are secure and do not require any adjustment during operation. A high efficiency brazed plate heat exchanger is used as an evaporator and pre-cooler to ensure low outlet relative humidity and avoid condensation at the outlet. The SSD series pre-Cooler recycles 90% of the cooling energy, as a result, evaporator load is effectively reduced and energy consumption is greatly lowered.

SPECIFICATIONS

Model	Air Connection	Voltage	Capacity		Dimension (in)			Weight lbs
			CFM	m^3/min	L	W	H	
SPRSLF-12-SSD	1/2”	115/1/60	42	1.2	23.6	12.2	19.6	66
SPRSLF-15-SSD	1/2”	115/1/60	53	1.5	23.6	12.2	19.6	66
SPRSLF-24-SSD	3/4”	115/1/60	85	2.4	29.5	14.1	21.6	110
SPRSLF-30-SSD	3/4”	115/1/60	106	3.0	29.5	14.1	21.6	110
SPRSLF-36-SSD	3/4”	115/1/60	127	3.6	29.5	14.1	21.6	121
SPRSLF-40-SSD	3/4”	115/1/60	141	4.0	29.5	14.1	21.6	121

Rated Conditions

Working pressure : 100 psig / 0.7 MPag
Inlet temp : 100°F / 38°C
Ambient temp : 100°F / 38°C

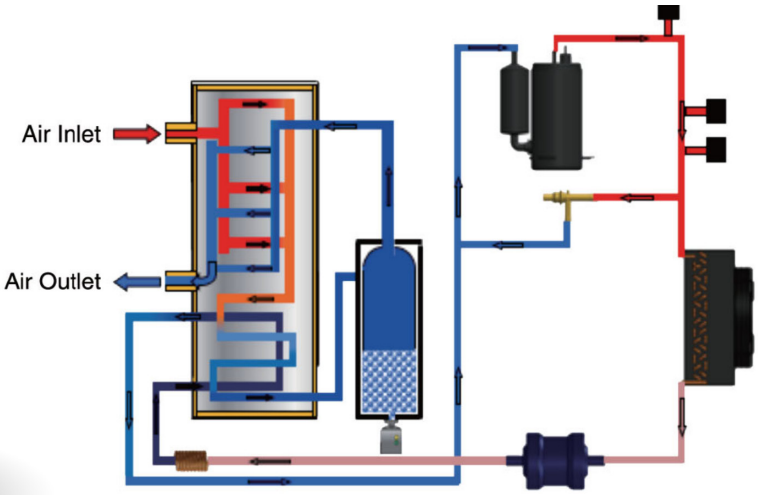
Working Range

Max. working pressure : 232 psig / 1.6 MPag
Max. inlet temperature : 140°F / 60°C
Max. ambient temperature : 122°F / 50°C
Min. ambient temperature : 41°F / 5°C

Available Options

Higher working pressure
Different power supply
Timed drain or zero loss drain

PD Series
Refrigeration Compressed Air Dryer



FEATURES

The PD Series Refrigeration Dryers are built with performance and versatility in mind. Pre-cooler, evaporator and water separator are an all-in-one modular structure design. An aluminum heat exchanger is treated to be highly corrosion-resistant, protecting clean air gas from secondary pollution. Having undergone vigorous factory testing, refrigeration circuits are secure and do not require any adjustment during operation. A high efficiency brazed plate heat exchanger is used as an evaporator and pre-cooler to ensure low outlet relative humidity and avoid condensation at the outlet. Also, like the SSD series, the PD Series pre-Cooler recycles 90% of the cooling energy, as a result, evaporator load is effectively reduced and energy consumption is greatly lowered.

SPECIFICATIONS

Model	Air Connection	Voltage	Capacity		Dimension (in)			Weight lbs
			CFM	m^3/min	L	W	H	
SPRSLF-60-PD	1 1/2"	230/1/60	230	6.5	30	23.3	36	171
SPRSLF-80-PD	1 1/2"	230/1/60	311	8.8	30	23.3	36	176
SPRSLF-100-PD	1 1/2"	230/1/60	388	11	30	23.3	36	187
SPRSLF-120-PD	2"	230/1/60	459	13	39	28	40.5	286
SPRSLF-200-PD	2"	230/1/60	777	22	39	28	40.5	330

Rated Conditions

Working pressure : 100 psig / 0.7 MPag
Inlet temp : 100°F / 38°C
Ambient temp : 100°F / 38°C
Cooling water temp : 90°F / 32°C

Working Range

Max. working pressure : 232 psig / 1.6 MPag
Max. inlet temperature : 140°F / 60°C
Max. ambient temperature : 122°F / 50°C
Min. ambient temperature : 41°F / 5°C
Max. cooling water temp : 104°F / 40°C

Available Options

Higher working pressure
Different power supply
Timed drain or zero loss drain
Cooling Water Version from 120-1800