

# Gardner Denver

AIR TREATMENT | 5-30 SCFM

## DST Series



# How it Works

Contaminated compressed air enters the oil prefilter housing and flows from the inside of the element to the outside. Water and oil condensate falls to the bottom of the housing where it is discharged by the automatic drain.

The filtered compressed air exits the filter outlet port and enters the desiccant dryer housing where the air flows downward through a bed of silica gel. At the bottom of the housing, the air flows upwards through an integrated dust filter and into an outlet air stem that takes it to the outlet port of the dryer housing.

## Key Maintenance Indicators

- The filter element should be changed when the filter element change-out indicator changes from green to red during usage.
- As the desiccant bed gets saturated, the color of the desiccant change-out indicator will change from blue to white.

## SPECIFICATIONS

MODEL	CAPACITY @ 100 PSI (SCFM)	DIMENSIONS H x W x D	IN/OUT	WEIGHT (LBS)	REPLACEMENT ELEMENT	REPLACEMENT DESICCANT
DST05	5	13 x 4 x 4	¼"	13	N/A	DST05D
DST10	10	12 x 4 x 4	¼"	12	N/A	DST10D
DST20	20	20 x 4 x 4	½"	20	N/A	DST20D
DST30	30	28 x 4 x 4	½"	28	N/A	DST30D
DST05F	5	13 x 8 x 4	¼"	13	FIL12EE	DST05D
DST10F	10	12 x 8 x 4	¼"	12	FIL12EE	DST10D
DST20F	20	20 x 8 x 4	½"	20	FIL12EE	DST20D
DST30F	30	28 x 8 x 4	½"	28	FIL14EE	DST30D

Maximum Operating Pressure: 200 psig (13.7 barg). Maximum Operating Temperature: 125°F (52°C).

NOTE: Dimensions and weights are for reference only. Request certified drawings for construction purposes.

# Optimal Performance

- The proper removal of water, oil, and dirt from compressed air will increase output and add to the bottom line.
- Produces pressure dew points as low as -40° F
- Maximum operating pressure at 200 psig
- Maximum operating temperature at 125° F
- Integrated 15 micron cleanable dust filter
- Rugged powder-painted, corrosion-resistant aluminum housing
- Silica gel desiccant adsorbs moisture
- Desiccant change-out indicator offers convenient monitoring system
- Indicator turns from blue to white when in need of replacement

## Return on Investment

Paint rejects create significant costs to body shops in labor, material, and through-put delays. These costs can be eliminated by installing a DST Series filter. The savings in the purchase of extra unthinned color-coat paints, thinners, and hardeners will rapidly repay on the investment.

## COST OF PAINT REJECTS

COST OF LABOR MATERIALS & THROUGH-PUT DELAYS	PAINT REJECTS PER WEEK	NUMBER OF WEEKS	COST OF PAINT REJECTS PER YEAR
\$150	1	52	\$7,800
\$150	2	52	\$15,600
\$200	1	52	\$10,400
\$200	2	52	\$20,800



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