

Packaged Dehumidifiers for Agricultural Environments



Our agricultural dehumidifiers are capable of handling large moisture loads in the aggressive conditions growing environments require. These high-performance systems support healthy crop growth while managing humidity levels.

Features & Benefits

- Purpose built construction for agricultural use
- Humidity control
- Energy efficient with an EER between 10 - 12
- Field convertible discharge orientation
- Available in horizontal and vertical configurations
- Microprocessor controls with optional BACnet and Modbus connectivity
- Webpage diagnostics for easy startup and troubleshooting
- Heavy duty galvanized steel casing line with acoustic insulation

Where it Works:

- Indoor & greenhouse growing environments
- Applicable in any environment where precise humidity control is

Packaged Systems:



SDSV Vertical Dehumidifier



SDSH Horizontal Dehumidifier



Energy Efficient



Optimal Humidity Control



Agricultural Rated

Packaged Dehumidifiers for Agricultural Environments

General Specifications

- Performance specifications: 80F 60%RH @ 95F Outdoor Air Dry Bulb
- Refrigerant: R454B
- Air Filter: 2" MERV13
- Controls: Siemens Climatix
- Drain Connection: 3/4" NPT
- Power Options:
 - Vertical Unit: 208-230/3ph/60Hz, 460/3ph/60Hz, 575/3ph/60Hz
 - Horizontal Unit: 208-230/3ph/60Hz (all units); 460/3ph/60Hz, 575/3ph/60Hz (4 ton and larger)

Vertical Unit Specifications

Model	SDSV-5	SDSV-10	SDSV-12	SDSV-15	SDSV-20	SDSV-25
Tons	5	10	12	15	20	25
Total MBH	61.74	125.91	147.55	186.66	280.03	291.35
Sensible MBH	38.91	81.39	95.78	116.6	167.1	191.73
Water Removal (gpd)	62.7	122.3	142.2	192.2	249.8	273.7
Airflow (cfm)	1600	3200	4000	4400	6400	7600
Compressor Type	Scroll	Scroll	Scroll	Digital Scroll	Digital Scroll	Digital Scroll
Compressor Quantity	1	2	2	2	2	2
Operating Weight (lbs)	920	1325	1560	1710	1875	2840
Dimensions H x W x D (in)	77.5 x 52.1 x 33	88.1 x 71.5 x 35.1	91.6 x 82.5 x 38.1	94.5 x 86.5 x 38.1	103 x 90.5 x 37.1	111 x 108.5 x 37.1

Horizontal Unit Specifications

Model	SDSH-2	SDSH-3	SDSH-4	SDSH-5	SDSH-8	SDSH-10
Tons	2	3	4	5	8	10
Total MBH	26.82	39.37	50.88	63.09	98.38	124.44
Sensible MBH	15.2	22.19	29.98	37.6	61.53	77.82
Water Removal (gpd)	31.9	47.2	57.3	69.9	101.3	128.1
Airflow (cfm)	600	800	1200	1600	2400	2800
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll	Digital Scroll
Compressor Quantity	1	1	1	1	1	2
Operating Weight (lbs)	675	680	955	995	1470	1940
Dimensions H x W x D (in)	27.5 x 78.2 x 61	27.5 x 78.2 x 61	30.5 x 86.2 x 69.1	30.5 x 86.2 x 69.1	33.4 x 112 x 82.5	33.3 x 131 x 89.1