



DS-1000™



**Shown with inlet hood and lifting rails options.
 Dimensions represent unit without options.

Because so much depends on the weather.

The **DS-1000™** desiccant dehumidifier is designed for light industrial dehumidification applications. It has a 1000 scfm of dry air output and runs with a FLA 17.9 at 460 volts, and a FLA 14.5 at 575 volts. Its deep grain depression makes it the best choice for moisture control. **Put us to the test!**

QUICK SPECS

Model
DS-1000
CFM
1000

POWER
 230/3/60Hz
 460/3/60Hz
 575/3/60Hz
"L" Dim.
 45.9 in.
 (1167 mm)

"W" Dim.
 28.9 in.
 (734 mm)

"H" Dim.
 35.7 in.
 (907 mm)

Weight
 517 lbs.
 (235 kgs)

Shipping
 717 lbs.
 (325 kgs)

Features:

- ETL and ETL-c listed for compliance with CSA and Provincial Codes.
- All welded casing. No fasteners. Air tight.
- Powder coated internal/external galvanized casing.
- Durable and Reliable.
- ECO Dry. World's leader in desiccant technologies.
- Powered by Distech Microprocessor. BACnet interface capable.
- Direct Drive Blowers.
- Robust Heaters.
- Compact design.
- Minimal Maintenance.

Available Options:

- Remote interface tool for Controller.
- Dew-point transmitter for space control.
- Installation kit.
- Replacement filters.
- Process inlet hood.
- Mounting rails.
- Humidistat.

Nominal Lb. Moisture Removal per Hour
 Entering Air Relative Humidity (%)

Entering Air Dry Bulb (dF)	100%	90%	80%	70%	60%	50%	40%	30%
80	27.9	26.5	26.4	26.1	24.9	22.8	20.1	17.2
75	27.1	27.1	26.7	25.6	23.7	21.5	19.1	16.3
70	27.7	27.2	26.0	24.3	22.4	20.3	18.0	15.3
65	27.2	26.0	24.5	22.8	21.1	19.1	16.9	14.3
60	25.7	24.3	22.8	21.3	19.7	18.0	15.7	12.9
55	23.9	22.7	21.3	20.0	18.4	16.5	14.3	11.5
50	22.1	21.1	19.9	18.5	16.9	15.1	12.8	10.1
45	20.5	19.5	18.3	16.9	15.3	13.5	11.3	8.8
40	18.9	17.9	16.7	15.2	13.6	11.7	9.7	7.5

Weights and Dimensions subject to change without notice-All items FOB Factory. Image may vary from actual unit.

*All Funds Quoted in U.S. Dollars. Special terms apply. See your Dry Solutions Inc. representative for further details. Version 1.3 7.24.2018





DS-2000™

FOR PRICING CALL OR EMAIL

248-714-8181

sales@drysolutionsinc.com



**Shown with inlet hood and lifting rails options.
Dimensions represent unit without options.

Because so much depends on the weather.

The **DS-2000™** desiccant dehumidifier is designed for light industrial dehumidification applications. It has a 2000 scfm of dry air output and runs with a FLA 22.5 at 460 volts, and a FLA 18.3 at 575 volts. Its deep grain depression makes it the best choice for moisture control. **Put us to the test!**

QUICK SPECS

Model

DS-2000

CFM

2000

POWER

230/3/60Hz

460/3/60Hz

575/3/60Hz

"L" Dim.

49.2 in.

(1250 mm)

"W" Dim.

36.7 in.

(933 mm)

"H" Dim.

40.7 in.

(1035 mm)

Weight

647 lbs.

(293 kgs)

Shipping

772 lbs.

(350 kgs)

Features:

- ETL and ETL-c listed for compliance with CSA and Provincial Codes.
- All welded casing. No fasteners. Air tight.
- Powder coated internal/external galvanized casing.
- Durable and Reliable
- ECO Dry. World's leader in desiccant technologies.
- Powered by Distech Microprocessor. BACnet interface capable.
- Direct Drive Blowers.
- Robust Heaters.
- Compact design.
- Minimal Maintenance

Available Options:

- Remote interface tool for Controller.
- Dew-point transmitter for space control.
- Installation kit.
- Replacement filters.
- Process inlet hood.
- Mounting rails.
- Humidistat.

Nominal Lb. Moisture Removal per Hour

Entering Air Relative Humidity (%)

Entering Air Dry Bulb (dF)	100%	90%	80%	70%	60%	50%	40%	30%
80	43.9	42.1	41.7	41.2	39.5	36.5	33.1	28.9
75	43.3	43.1	42.3	40.8	38.4	35.3	32.0	28.0
70	44.3	43.2	41.7	39.6	36.9	34.0	30.8	26.8
65	43.7	42.3	40.3	37.9	35.5	32.7	29.6	25.5
60	42.4	40.4	38.4	36.3	34.0	31.5	28.1	23.6
55	40.3	38.5	36.7	34.7	32.4	29.7	26.3	21.5
50	38.4	36.7	34.9	33.1	30.7	27.6	23.9	19.2
45	36.4	34.8	33.1	30.9	28.4	25.2	21.3	16.8
40	34.3	32.7	30.7	28.4	25.5	22.4	18.7	14.4

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3552 AVON STREET, SUITE 9, HARTLAND, MI 48353

6442 PENN AVE. S. MINNEAPOLIS, MN 55423





DS-4000™

FOR PRICING CALL OR EMAIL

248-714-8181

sales@drysolutionsinc.com



**Shown with inlet hood and lifting rails options.
Dimensions represent unit without options.

Because so much depends on the weather.

The **DS-4000™** desiccant dehumidifier is designed for light industrial dehumidification applications. It has a 4000 scfm of dry air output and runs with a FLA 63.7 at 460 volts, and a FLA 51.3 at 575 volts. Its deep grain depression makes it the best choice for moisture control. **Put us to the test!**

QUICK SPECS

Model

DS-4000

CFM

4000

POWER

460/3/60Hz

575/3/60Hz

"L" Dim.

56.9 in.

(1445 mm)

"W" Dim.

44.2 in.

(1122 mm)

"H" Dim.

48.6 in.

(1236 mm)

Weight

1,030 lbs.

(467 kgs)

Shipping

1155 lbs.

(524 kgs)

Features:

- ETL and ETL-c listed for compliance with CSA and Provincial Codes.
- All welded casing. No fasteners. Air tight.
- Powder coated internal/external galvanized casing.
- Durable and Reliable
- ECO Dry. World's leader in desiccant technologies.
- Powered by Distech Microprocessor. BACnet interface capable.
- Direct Drive Blowers.
- Robust Heaters.
- Compact design.
- Minimal Maintenance

Available Options:

- Remote interface tool for Controller.
- Dew-point transmitter for space control.
- Installation kit.
- Replacement filters.
- Process inlet hood.
- Mounting rails.
- Humidistat.

Nominal Lb. Moisture Removal per Hour

Entering Air Relative Humidity (%)

Entering Air Dry Bulb (dF)	100%	90%	80%	70%	60%	50%	40%	30%
80	104.5	99.9	99.5	98.4	94.0	86.3	76.1	65.3
75	102.1	102.3	100.9	96.9	90.0	81.6	72.7	62.3
70	104.7	102.5	98.3	92.4	85.1	77.3	69.1	58.7
65	103.2	98.7	93.1	86.8	80.3	73.3	65.2	54.8
60	97.7	92.8	87.2	81.5	75.6	68.9	60.7	49.9
55	91.2	86.7	81.7	76.5	70.8	64.1	55.3	44.8
50	84.9	80.8	76.4	71.6	65.6	58.4	49.9	39.2
45	79.3	75.3	70.9	65.6	59.5	52.4	43.9	34.3
40	73.2	69.1	64.7	59.2	52.8	45.9	38.1	29.2

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