



General Characteristics of DesiccantBullet Desiccant Dehumidifier

The DesiccantBullet Desiccant Dehumidifier is designed as a compact, rugged and lightweight dehumidifier.

The DesiccantBullet desiccant dehumidifier is designed to dry air by passing the processed air through a slow rotating silica gel wheel, which is also dried with hot air passing through it.

These dehumidifiers can operate with a wired rotate humidistat which can automate the drying process.

Stainless Steel 304L construction.

These desiccant dehumidifiers can reach room relative humidity of 1% under sealed conditions.

Operates from -4°F (-20°C) to 104°F (40°C).

Product Applications of DesiccantBullet Desiccant Dehumidifier

The VentDepot DesiccantBullet is required wherever there is a need to lower the humidity level to prevent corrosion, mold growth and condensation or maintain a low humidity condition during manufacture, packaging or storing of hygroscopic products.

The DesiccantBullet is used to lower humidity to less than 30% Relative Humidity and can reach 1% Relative Humidity levels.

It is an ideal unit for Refrigerators, Offices Paper Storage, Libraries, Shops, Restaurants, Warehouses, Basements, Factories, De-Flooding, Pharmaceutical, Defense Industry, Confectionary, Laboratories, Medical and Food Industry, Agriculture, Cold Stores, Hospitals, Hotels, Stadiums, Ships..

Warranty of DesiccantBullet Desiccant Dehumidifier

Includes Manufacturer's Limited Warranty: 1 Year



Specific Characteristics of DesiccantBullet Desiccant Dehumidifier

Item #	Manufacturer #	Area Covered SQ. Ft.	Water Removal Capacity Per 24Hrs			Process Airflow Nominal Dry Air			Volts V	Phases PH	Amperes A	Hertz Hz	Kw	Sound Level dBs	Rotor Wheel Speed (RPM)	Shipping Weight and Dimensions with Packaging	
			Pint PPD	Gallon Per Day	Ltrs Per Day	M3/h	CFM	Duct In. ø								Lbs.	L,W,H In.
USDBT-001	DD200	400	36	4.5	17	196	115	5.0	110	1	7.5	60	0.8	67	20	38	20,26,19
USDBT-002	DD300	1100	69	8.6	33	231	136	5.0	110	1	12.4	60	1.4	67	20	44	20,26,19
USDBT-003	DD400	1200	72	8.9	34	334	197	5.0	120	1	8.0	60	1.8	67	20	60	20,26,19



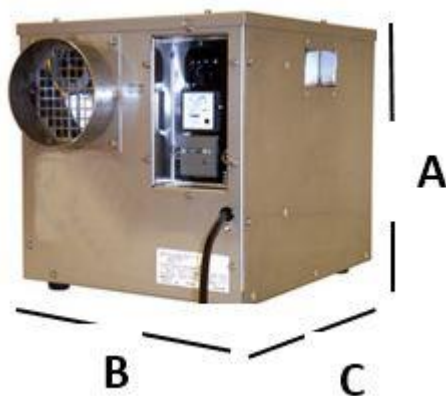
Product Applications of DesiccantBullet Desiccant Dehumidifier

Offices	√	Laboratories	√
Shops	√	Medical Industry	√
Restaurants	√	Food Industry	√
Warehouse	√	Agriculture	√
Basements	√	Cold Stores	√
Factories	√	Hospitals	√
De-Flooding	√	Hotels	√
Pharmaceutical	√	Stadiums	√
Defense Industry	√	Ships / Barges	√

Features of DesiccantBullet Desiccant Dehumidifier

On/Off Control	√	Process / Regen Air Filter	√
Ammeter	√	Rubber Anti-Vibration Feet	√
Electronic Controls	√	Single Air Inlet Design	√
Manual / Automatic Mode Selection	√	Free Standing	√
Remote Humidity Sensor Facility	√	Humidistat	O
Hours Run Meter	√	Carrying Handles	√
Fitted Mains Plug	√	Stainless Steel Construction	√
Fan Speeds	1	Inlet Duct Attachments	O
High Capacity PTC Heaters	√	High Temperature Safety Cut-outs	√

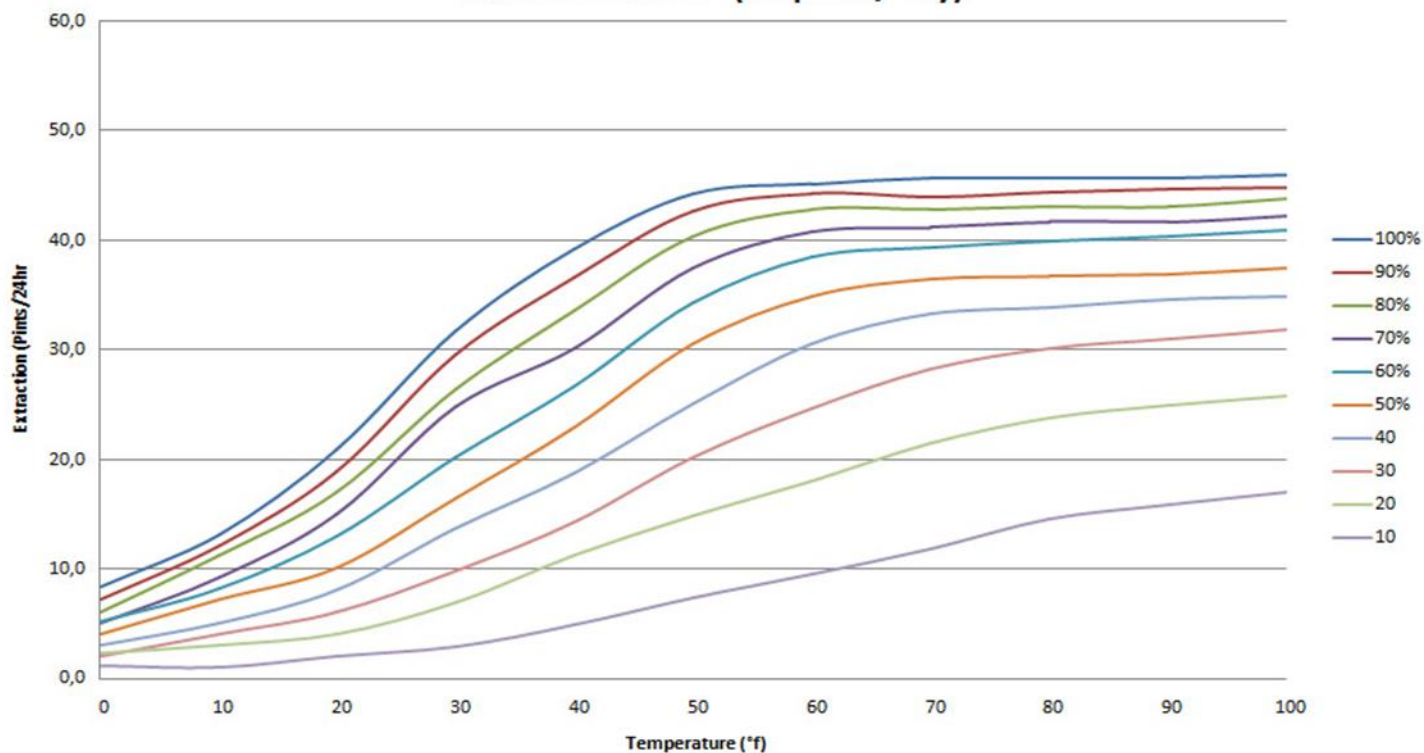
Item #	Manufacturer #	Weight Lbs.	Size A (In.)	Size B (In.)	Size C (In.)
USDBT-001	DD200	37.5	13.3	13	15
USDBT-002	DD300	44	14.5	14.2	17
USDBT-003	DD400	59.5	16.5	15.75	21.25





Effective Water Content Removed (US Pints/day) of DD200 Desiccant Dehumidifiers										
Temp (°f)	Relative Humidity (%)									
	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%
100	45.9	44.7	43.8	42.2	40.9	37.5	34.9	31.8	25.8	17.0
90	45.6	44.6	43.1	41.7	40.4	36.9	34.6	30.9	24.9	15.8
80	45.6	44.4	43.1	41.7	39.9	36.68	33.9	30.2	23.8	14.6
70	45.6	44.0	42.8	41.2	39.4	36.4	33.2	28.2	21.5	11.9
60	45.1	44.2	42.8	40.8	38.5	34.9	30.5	24.7	18.0	9.6
50	44.2	42.7	40.4	37.5	34.3	30.5	25.1	20.2	14.8	7.4
40	39.2	36.6	33.5	30.2	26.7	22.9	18.8	14.3	11.2	4.9
30	31.7	29.5	26.3	24.7	20.2	16.5	13.7	9.8	6.9	2.9
20	20.8	18.9	17.0	15.0	13.0	10.1	8.1	6.0	4.1	2.0
10	13.2	12.1	11.2	9.2	8.2	7.2	5.1	4.1	3.1	1.0
0	8.3	7.2	6.1	5.1	5.2	4.1	3.1	2.0	2.3	1.2

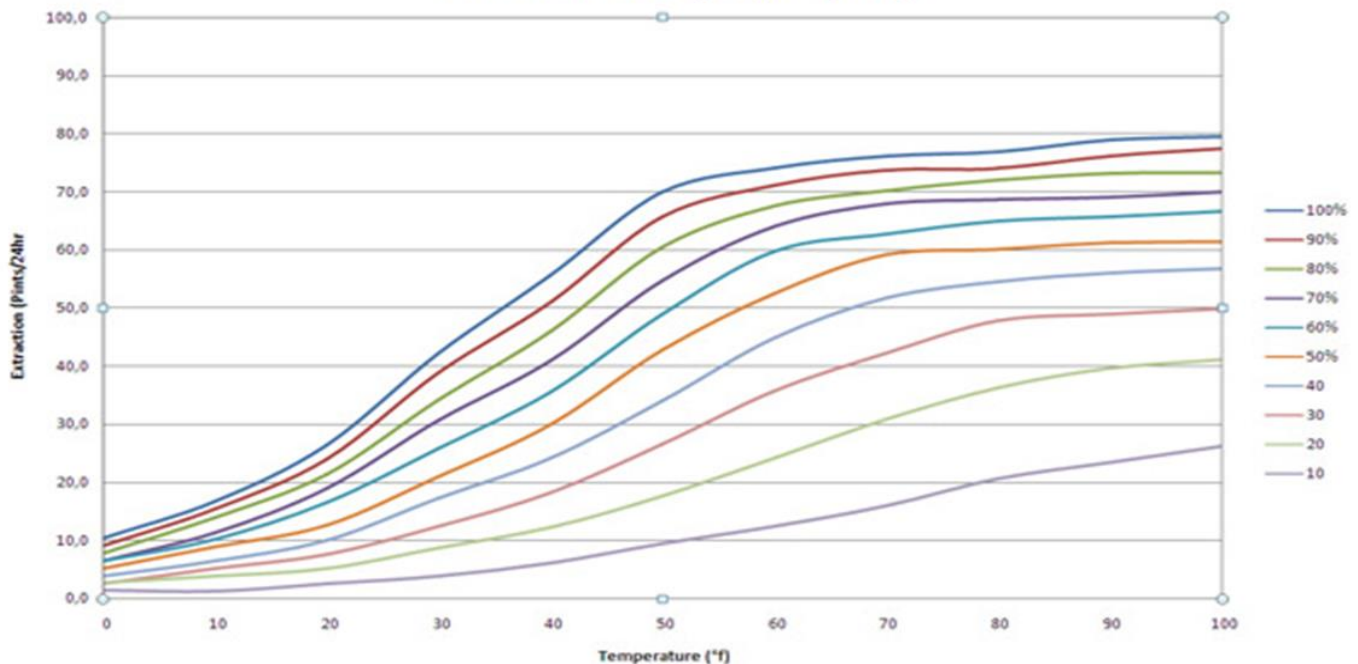
**DesiccantRight DD200
Extraction Curve - (US pints / day)**





Water Content Removed (US Pints/day) of DD300 Desiccant Dehumidifier										
Temp (°f)	Relative Humidity (%)									
	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%
100	79.6	77.4	73.3	70.1	66.6	61.5	56.8	50.0	41.2	26.1
90	79.0	76.3	73.2	69.1	65.7	61.2	56.1	48.9	39.7	23.4
80	77.0	74.1	72.0	68.7	65.0	60.18	54.6	47.8	36.4	20.6
70	76.3	73.8	70.3	67.9	62.7	59.2	51.7	42.2	30.8	15.9
60	74.2	71.1	67.6	64.0	59.7	52.6	44.8	35.8	24.2	12.4
50	70.0	65.7	60.5	54.8	48.9	42.8	34.0	26.6	17.7	9.5
40	55.7	51.0	46.0	40.9	35.6	29.9	24.1	18.3	12.3	6.1
30	42.2	38.9	34.2	30.7	25.9	21.0	17.4	12.4	8.8	3.8
20	26.4	24.0	21.5	19.0	16.5	12.7	10.1	7.6	5.1	2.5
10	16.7	15.3	14.0	11.4	10.2	8.9	6.4	5.1	3.8	1.3
0	10.4	9.1	7.7	6.4	6.6	5.3	3.9	2.6	2.8	1.5

DesiccantActive DD300 -US
Extraction Curve - (US pints / day)





Water Content Removed (US Pints/day) of DD400 Desiccant Dehumidifier										
	Relative Humidity (%)									
Temp (°f)	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%
100	108.3	101.4	96.5	90.7	85.3	78.5	71.5	63.6	50.7	29.5
90	105.4	100.3	95.6	89.3	84.8	78.1	70.1	62.6	47.9	26.2
80	105.2	98.9	92.6	86.1	81.3	75.11	68.9	58.4	42.3	22.9
70	101.5	97.7	92.1	85.7	80.0	71.6	61.9	48.8	34.4	17.5
60	98.4	93.5	87.7	80.6	72.7	62.9	52.4	40.9	27.3	12.8
50	85.8	80.0	72.9	65.0	57.5	49.6	39.0	30.2	20.1	10.8
40	65.4	59.6	53.3	47.2	40.7	34.3	27.6	20.8	14.0	7.0
30	48.6	44.6	39.1	35.1	29.5	24.1	19.9	14.3	10.0	4.4
20	30.2	27.4	24.6	21.7	18.9	14.5	11.7	8.7	5.8	3.0
10	19.0	17.6	16.3	13.3	11.7	10.3	7.3	5.9	4.4	1.4
0	11.9	10.5	8.9	7.5	7.5	5.9	4.4	3.0	3.0	1.4

DD400-US
Extraction Curve - (US pints / day)

