

Dehumidifying Dryers

SDD series dehumidifying dryers combine dehumidifying and drying systems into a single unit. They have many applications in processing plastic materials, such as PA, PC, PBT, PET etc. All models feature SD-H honeycomb dehumidifiers with built-in process heater and insulated drying hopper. Under ideal conditions, it can provide dehumidified dry air with a dewpoint lower than -40°C .



SDD-160U / 120H

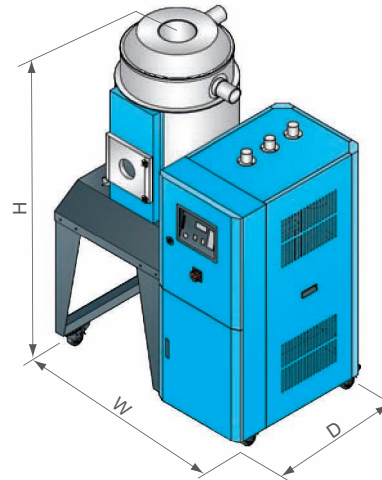
Features

- The SDD dehumidifying dryers use honeycomb dehumidifiers with an eye-catching semi-integral appearance.
- Each model combines dehumidifying and drying functions into a single unit.
- Insulated drying hopper features dry air down-blowing and cyclone exhaust design. This improves drying efficiency and reduces energy consumption while maintain a steady drying effect.
- The dehumidifying section of the SDD series features two condensers to ensure a low return air temperature and low dewpoint.
- Compact in size for ease of movement and space saving.
- Material processing is controlled via microprocessor as standard, with PLC touch screen control as an option for more convenient control.
- Dewpoint monitor can be fitted to check dry air dewpoint.
- Optional suction box and hopper loader for added convenience when conveying material.
- Upon request, it can be built to comply with worldwide electrical safety standards (For example : CE, UL, CSA, JIS etc.).

Optional Accessories

- Dew-point monitor with digital display to check the dry air dew-point, add " D " at model behind.
- Mirror polished treatment on all material contact surfaces, add " P " at model behind.
- Modified into " 180°C and heat-preservation ", add " HT " at model behind.
- LCD touch screen、PLC controller, add " LC " at model behind.
- High efficiency particulate air (HEPA) filter.
- Suction box and hopper loader for added convenience when conveying material.

Outline Drawing



Specifications

Model	Regen. Heater (kW)	Regen. Blower (kw, 50 / 60Hz)	Process Heater (kW)	Process Blower (kW, 50 / 60Hz)	Dry Air Capacity (m ³ / hr, 50 / 60Hz)	Insulated Hopper (L)	Dimensions (mm) H × W × D	Weight (kg)
20U / 30H	3	0.18 / 0.2	3	0.2 / 0.2	30 / 35	20	1240 × 875 × 755	110
40U / 30H	3	0.18 / 0.2	3	0.2 / 0.2	30 / 35	40	1300 × 930 × 755	190
40U / 50H	3	0.18 / 0.2	3.9	0.4 / 0.5	50 / 60	40	1300 × 930 × 755	190
80U / 50H	3	0.18 / 0.2	3.9	0.4 / 0.5	50 / 60	80	1410 × 1030 × 755	210
120U / 80H	3.5	0.18 / 0.2	6	0.75 / 0.9	80 / 95	120	1780 × 1220 × 820	250
160U / 80H	3.5	0.18 / 0.2	6	0.75 / 0.9	80 / 95	160	1740 × 1220 × 820	255
160U / 120H	3.5	0.18 / 0.2	6	0.75 / 0.9	120 / 130	160	1740 × 1220 × 820	265
230U / 120H	3.5	0.18 / 0.2	6	0.75 / 0.9	120 / 130	230	2010 × 1220 × 820	295
230U / 150H	4	0.4 / 0.5	7.2	1.5 / 1.8	150 / 170	230	2150 × 1450 × 1050	375
300U / 150H	4	0.4 / 0.5	7.2	1.5 / 1.8	150 / 170	300	2040 × 1450 × 1050	410
300U / 200H	5.4	0.4 / 0.5	12	1.5 / 1.8	200 / 220	300	2040 × 1450 × 1050	420
450U / 200H	5.4	0.4 / 0.5	12	1.5 / 1.8	200 / 220	450	2440 × 1450 × 1050	550
450U / 300H	7.2	0.75 / 0.9	15	2.4 / 3	300 / 340	450	2480 × 1490 × 1255	580
600U / 300H	7.2	0.75 / 0.9	15	2.4 / 3	300 / 340	600	2380 × 1745 × 1255	615
600U / 400H	7.2	0.75 / 0.9	18	3.75 / 4.5	400 / 450	600	2380 × 1745 × 1255	620
750U / 400H	7.2	0.75 / 0.9	18	3.75 / 4.5	400 / 450	750	2610 × 1745 × 1255	650
750U / 500H	10	1.5 / 1.8	21	5.5 / 6.3	500 / 570	750	2760 × 2140 × 1380	760
900U / 500H	10	1.5 / 1.8	21	5.5 / 6.3	500 / 570	900	2640 × 2140 × 1380	820
900U / 700H	10	1.5 / 1.8	24	5.5 / 6.3	700 / 780	900	2640 × 2140 × 1380	830
1200U / 700H	10	1.5 / 1.8	24	5.5 / 6.3	700 / 780	1200	3070 × 2140 × 1380	870

Note: Power supply 3Φ, 230 / 400 / 460 / 575V, 50 / 60Hz.

We reserve the right to change specifications without prior notice.

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