



ESSICCATOI E DEUMIDIFICATORI HONEYCOMB



SDD 160U / 120H

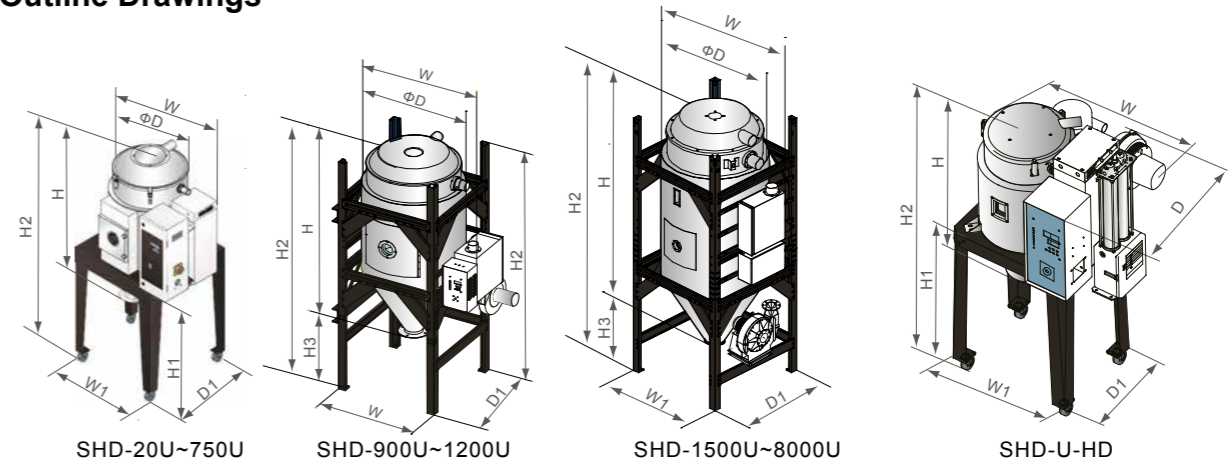


SHD-U Series



SHD-300U

Outline Drawings



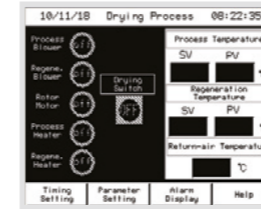
Specifications

Model	Heater Power (kW)	Blower (kW)		Dimension (mm) H x W x D	Floor Stand (mm) H1 x W1 x D1	H2	H3	Air Inlet Pipe (inch)	Air Outlet Pipe (inch)	Net Weight (kg)
SHD-20U	2.2	0.05	20	730×575×325	790×450×550	1260	—	—	—	40
SHD-40U(-HD)	3	0.12	40	760×790×740	790×580×450	1300	—	2	1.5	70
SHD-80U(-HD)	3.9	0.12	80	940×885×840	840×730×560	1480	—	2.5	2	85
SHD-120U(-HD)	3.9	0.12	120	1210×885×840	840×730×560	1740	—	—	—	100
SHD-160U	6	0.18	160	1225×822×575	920×652×795	1825	—	—	—	90
SHD-230U	6	0.18	230	1505×822×575	920×652×795	2105	—	3	2.5	100
SHD-300U	12	0.25	300	1450×945×695	970×790×930	2085	—	—	—	130
SHD-450U	12	0.25	450	1850×945×695	970×790×930	2435	—	—	—	160
SHD-600U	18	0.55	600	1820×1170×915	1130×1000×1200	2470	—	4	3	200
SHD-750U	18	0.55	750	2100×1170×915	1130×1000×1200	2780	—	—	—	220
SHD-900U	18	0.55	900	2173×1410×1050	2760×1130×1130	2765	592	4	4	410
SHD-1200U	24	1.1	1200	2598×1410×1050	3190×1145×1145	3190	592	—	—	560
SHD-1500U	32	3	1500	2970×1640×1250	3470×1340×1340	4450	500	5	5	685
SHD-2000U	32	3	2000	3370×1542×1250	3870×1340×1340	4850	500	—	—	770
SHD-2500U	58	5.5	2500	3547×1798×1400	4000×1482×1482	5060	485	—	—	800
SHD-3000U	58	5.5	3000	3947×1798×1400	4400×1482×1482	5460	485	6	6	900
SHD-3500U	64	7.5	3500	4347×1798×1400	4800×1482×1482	5860	485	—	—	1010
SHD-4000U	64	7.5	4000	4090×2010×1600	4550×1680×1680	5605	545	—	—	1160
SHD-5000U	80	11	5000	4770×2010×1600	5150×1680×1680	6205	465	8	8	1390
SHD-6000U	96	15	6000	4382×2250×1800	4870×1930×1930	5905	541	—	—	1530
SHD-7000U	112	18.5	7000	5830×2250×1800	5370×1930×1930	6050	500	—	—	1735
SHD-8000U	128	22	8000	5915×2250×1800	5620×1930×1930	7410	577	10	10	1820



SDD160-U/120H-D

■ **Options**



Touch Screen
(LCD with PLC Control)

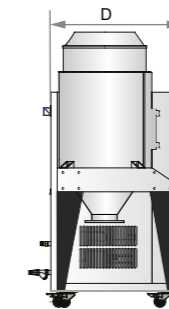
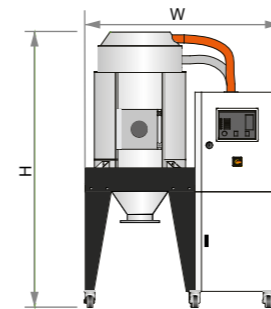


Dew-point Monitor
(Installed on the machine)



SCD-OP High Efficiency
Particulate Absorbing Filter

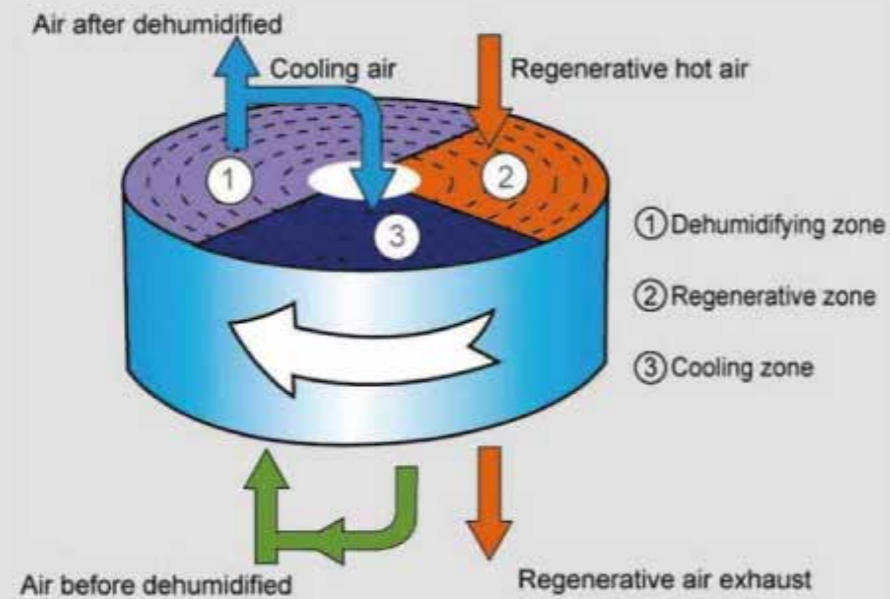
■ **Outline Drawings**



■ **Specifications**

Model	Regen. Heater (kW)	Regen. Blower (kW, 50/60Hz)	Drying Heater (kW)	Drying Blower (kW, 50/60Hz)	Dry Air Volume (m ³ /hr, 50/60Hz)	Insulated Hopper (L)	Dimension (mm) H X W X D	Weight (kg)
20U / 30H	3	0.2/0.2	3	0.2/0.2	30/35	20	1240 × 875 × 810	110
40U / 30H	3	0.2/0.2	3	0.2/0.2	30/35	40	1300 × 930 × 810	190
40U / 50H	3	0.2/0.2	3.9	0.4/0.5	50/60	40	1300 × 930 × 810	190
80U / 50H	3	0.2/0.2	3.9	0.4/0.5	50/60	80	1410 × 1030 × 810	210
120U / 80H	3	0.2/0.2	6	0.75/0.9	80/95	120	1780 × 1220 × 855	250
160U / 80H	3	0.2/0.2	6	0.75/0.9	80/95	160	1740 × 1220 × 855	255
160U / 120H	3	0.2/0.2	6	0.75/0.9	120/130	160	1740 × 1220 × 855	265
230U / 120H	3	0.2/0.2	6	0.75/0.9	120/130	230	2010 × 1220 × 855	295
230U / 150H	4	0.4/0.5	12	1.5/1.8	150/170	230	2150 × 1450 × 1050	375
300U / 150H	4	0.4/0.5	12	1.5/1.8	150/170	300	2040 × 1450 × 1050	410
300U / 200H	4	0.4/0.5	12	1.5/1.8	200/220	300	2040 × 1450 × 1050	420
450U / 200H	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
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

Principio di funzionamento Honeycomb Rotor



Capacità di deumidificazione

Drying Capacity

Material	Drying Temp. (°C)	Drying Time (hr)	Specific Heat (kcal/kg.°C)	Bulk Density (kg/L)	Moisture Content before Drying (%)	Moisture Content after Drying (%)	Drying Capacity (kg/hr)											
							SD-	40H	80H	120H	200H	400H	700H	1000H	1500H	2000H	3000H	4000H
ABS	80	2-3	0.34	0.6	0.3	0.02	16	27	35	105	210	355	425	710	1065	1500	1600	
CA	75	2-3	0.5	0.5	1	0.02	12	22	30	90	180	295	355	590	885	1200	1330	
CAB	75	2-3	0.5	0.5	0.8	0.02	12	22	30	90	180	295	355	590	885	1200	1330	
CP	75	2-3	0.6	0.6	1	0.02	16	27	35	106	210	355	425	710	1060	1500	1600	
LCP	150	4	0.6	0.6	0.04	0.02	11	20	27	80	160	265	320	530	800	1150	1200	
POM	100	2	0.35	0.6	0.2	0.02	24	40	53	160	320	530	640	1060	1600	1800	2400	
PMMA	80	3	0.35	0.65	0.5	0.02	17	29	38	115	230	383	460	767	1150	1530	1730	
IONOMER	90	3-4	0.55	0.5	0.1	0.04	10	17	22	66	133	220	265	442	663	750	1000	
PA6.6/6.10	75	4-6	0.4	0.65	1	0.05	9	14	19	58	115	192	230	383	575	960	1040	
PA11	75	4-5	0.58	0.65	1	0.05	10	17	23	69	138	230	275	460	690	780	1150	
PA12	75	4-5	0.28	0.65	1	0.05	10	17	23	69	138	230	275	460	690	780	1150	
PC	120	2-3	0.28	0.7	0.3	0.01	19	31	41	124	250	413	495	826	1238	1400	1860	
PU	90	2-3	0.45	0.65	0.3	0.02	17	29	38	115	230	383	460	767	1150	1530	2080	
PBT	130	3-4	0.3-0.5	0.7	0.2	0.02	13	23	31	93	186	310	372	620	930	1100	1600	
PE	90	1	0.55	0.6	0.01	<0.01	47	80	106	318	637	1062	1275	2125	3185	3600	4800	
PEI	150	3-4	0.6	0.6	0.25	0.02	11	20	27	80	160	265	320	530	800	1030	1370	
PET	160	4-6	0.3-0.5	0.85	0.2	0.05	11	19	25	75	150	250	300	500	750	1150	1360	
PETG	70	3-4	0.6	0.6	0.5	0.02	11	20	27	80	160	265	320	530	800	1030	1370	
PEN	170	5	0.85	0.85	0.1	0.05	13	23	30	90	180	300	360	600	900	1150	1360	
PES	150	4	0.7	0.7	0.8	0.02	13	23	30	90	180	300	360	600	900	1050	1400	
PMMA	80	3	0.65	0.65	0.5	0.02	17	29	38	115	230	385	460	765	1150	1530	1730	
PPO	110	1-2	0.4	0.5	0.1	0.04	19	33	44	133	265	440	530	885	1330	1730	2660	
PPS	150	3-4	0.6	0.6	0.1	0.02	11	20	27	80	160	265	320	530	800	1030	1370	
PI	120	2	0.27	0.6	0.4	0.02	24	40	53	160	320	530	640	1060	1600	1800	2400	
PP	90	1	0.46	0.5	0.1	0.02	39	66	88	265	530	885	1060	1770	2655	3500	4000	
PS(GP)	80	1	0.28	0.5	0.1	0.02	39	66	88	265	531	885	1062	1770	2655	3500	4000	
PSU	120	3-4	0.31	0.65	0.3	0.02	12	22	29	85	173	290	345	575	865	1300	1485	
PVC	70	1-2	0.2	0.5	0.1	0.02	19	33	44	135	265	442	530	885	1330	1730	2660	
SAN(AS)	80	1-2	0.32	0.5	0.1	0.05	19	33	44	135	265	442	530	885	1330	1730	2660	
TPE	110	3	0.7	0.7	0.1	0.02	18	30	40	125	250	413	495	826	1238	1650	1860	

Diagramma di flusso del sistema

