



SD SERIES MEZZANINE MOUNT DRYING HOPPERS 12-425 CU. FT. (340-12,035 LITER)

Standard models are constructed of insulated carbon steel and contain no material hang-up points with solid internal walls. Value-added standard equipment includes heavy duty slide gate, convenient lifting lugs and hopper cover. No gaskets are used in the SD hoppers, which allows for a precision, laser cut door.

STANDARD FEATURES

- *Unique mass flow design*
- *Carbon steel construction with aluminum cover on the outside*
- *Integral welded carbon steel frame*
- *2" (5 cm) fiberglass insulation*
- *Hinged access door with long sight glass*
- *Inlet/outlet tube stubs should be specified when ordering*
- *Slide gate*
- *Drain port*



SD Series Drying Hopper

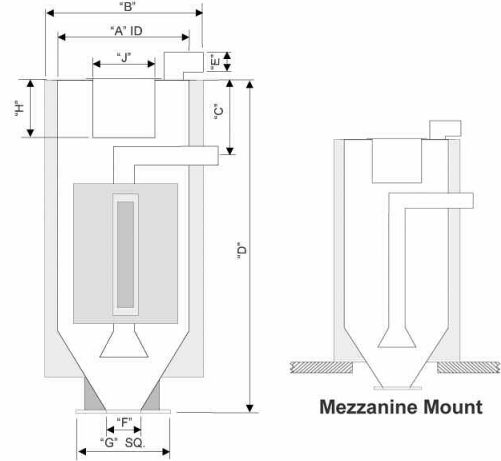
OPTIONAL FEATURES

- *Stainless steel construction inside and out*
- *Sensors, less controls: Single level RF-style sensor 115 or 230V; dual level RF-style sensor 115 or 230V; demand level sensor 115V*
- *Air-operated discharge slide gate with 4" material tube stub, less controls*
- *Adapter to mount SRC 30/60 vacuum receiver onto SD 12-30 hopper models*

DIMENSIONS

Model	Size, cu. ft. (l)	Weight, lbs. (kg)	A	B	C	D	E	F	G	H	J
SD12	12 (340)	420 (191)	24	28	11	68	3	3	10	9	10 1/8
SD17	17 (481)	595 (270)	24	28	11	88	3	3	10	9	10 1/8
SD23	23 (651)	805 (365)	30	34	11	81	3	3	10	9	10 1/8
SD30	30 (850)	1050 (476)	30	34	11	99	3	3	10	9	10 1/8
SD45	45 (1274)	1575 (714)	40	44	15	100	3	5	16 1/4	12	17-1/8
SD60	60 (1699)	2100 (953)	40	44	35	120	5	5	16 1/4	12	17-1/8
SD75	75 (2124)	2625 (1191)	40	44	56	141	5	5	16 1/4	12	17-1/8
SD90	90 (2549)	3150 (1429)	50	54	23	126	8	5	16 1/4	12	17-1/8
SD135	135 (3823)	4725 (2143)	50	54	52	163	8	5	16 1/4	12	17-1/8
SD180	180 (5097)	6300 (2858)	64	68	63	156	8	5	16 1/4	12	17-1/8
SD240	240 (6796)	8400 (3810)	64	68	92	185	10	5	16 1/4	12	17-1/8
SD300	300 (8495)	10,500 (4763)	74	78	75	186	10	5	16 1/4	12	17-1/8
SD425	425 (12,035)	14,875 (6747)	74	78	114	225	10	5	16 1/4	12	17-1/8

Note: All dimensions are in inches



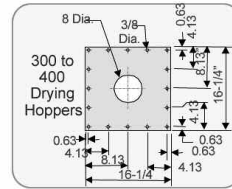
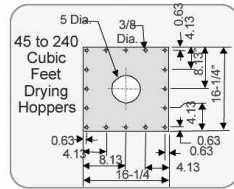
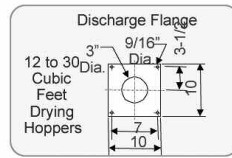
NOTES:

To calculate full weight capacity, multiply hopper volume in cu. ft. (liters) by the bulk density in lbs. per cu. ft. (Kg/cu. m) of the material being used.

Weight shown is for insulated floor-mount models. Weights for other model configurations may vary.

To calculate maximum operating weight, calculate maximum total weight capacity and add to dry hopper weight.

To calculate maximum footpad weight, calculate the maximum operating weight and divide by 4 (number of footpads).



BOLT PLACEMENT

Model	A	B	C	D	E	F	G
SD12	1/4-20	6	11	10-1/8	28	5/8	23
SD17	1/4-20	6	11	10-1/8	28	5/8	23
SD23	1/4-20	6	11	10-1/8	34	5/8	29
SD30	1/4-20	6	11	10-1/8	34	5/8	29
SD45	1/4-20	6	18	17-1/8	44	5/8	39
SD60	1/4-20	8	18	17-1/8	44	5/8	39
SD75	1/4-20	8	18	17-1/8	44	5/8	39
SD90	1/4-20	8	18	17-1/8	54	5/8	49
SD135	1/4-20	8	18	17-1/8	54	5/8	49
SD180	1/4-20	8	18	17-1/8	68	5/8	63
SD240	1/4-20	8	18	17-1/8	68	5/8	63
SD300	1/4-20	8	18	17-1/8	78	5/8	73
SD425	1/4-20	8	18	17-1/8	78	5/8	73

Note: All dimensions are in inches

