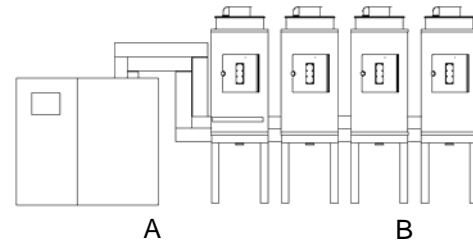


Typical application of a dehumidifying drying system.

- A Dry air dryer
- B Drying hoppers

Component B is described below.



Brief Description

Application

Drying of thermoplastic pellets and regrind, as part of a drying system.

- Colortronic drying hoppers are designed for continuous 24-hour operation.
- Colortronic drying hoppers meet the European "CE" requirements

Rugged, modular construction

Colortronic drying hoppers are constructed of carbon steel or stainless steel. Material and air flow have been carefully engineered for optimum drying results at high energy efficiency. The hopper is insulated into the discharge cone, preventing heat loss while serving as effective protection against accidental contact.

Standard Features

- Carbon steel construction
- Extra large access door
- No gaskets
- Long sight glass on door
- Insulated, with extra insulation on cone
- Machine-, floor-, or mezzanine-mount
- Slide gate
- Drain port

Optional Features

- Stainless steel construction
- Level sensors for material level sensing
- Rack and pinion slide gate
- Air operated discharge with material stub, less controls
- Adapter to mount CSR85/170 vacuum receiver
- Drawer magnet

Capacity

Hopper	cu. ft.	Liter
CD-12	12	340
CD-17	17	480
CD-23	23	650
CD-30	30	850
CD-45	45	1,275
CD-60	60	1,700
CD-75	75	2,125
CD-90	90	2,550
CD-135	135	3,820
CD-180	180	5,100
CD-240	240	6,800
CD-300	300	8,500
CD-425	425	12,035



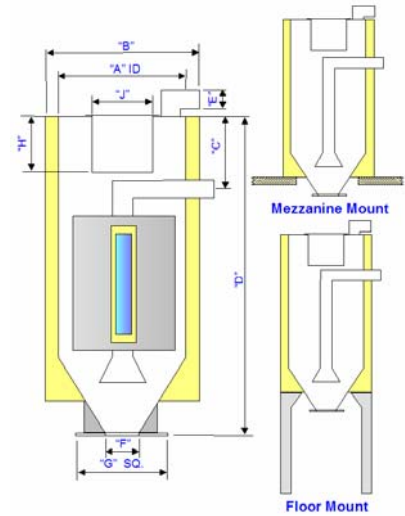
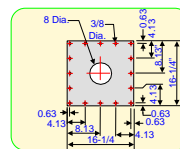
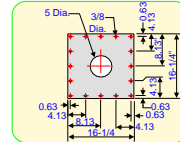
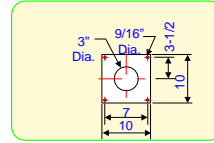
Dimensions

Hopper	A	B	C	D	E	F	G	H	J
CD-12	24	28	11	68	3	3	10	9	10 1/8
CD-17	24	28	11	88	3	3	10	9	10 1/8
CD-23	30	34	11	81	3	3	10	9	10 1/8
CD-30	30	34	11	99	3	3	10	9	10 1/8
CD-45	30	34	49	137	3	3	10	12	17 1/8
CD-60	40	44	15	120	5	5	16 1/4	12	17 1/8
CD-75	40	44	36	141	5	5	16 1/4	12	17 1/8
CD-90	50	54	23	126	8	5	16 1/4	12	17 1/8
CD-135	50	54	52	163	8	5	16 1/4	12	17 1/8
CD-180	64	68	63	156	8	5	16 1/4	12	17 1/8
CD-240	64	68	92	185	10	5	16 1/4	12	17 1/8
CD-300	74	78	75	186	10	5	16 1/4	12	17 1/8
CD-425	74	78	114	225	10	5	16 1/4	12	17 1/8

12-45 cu. ft.

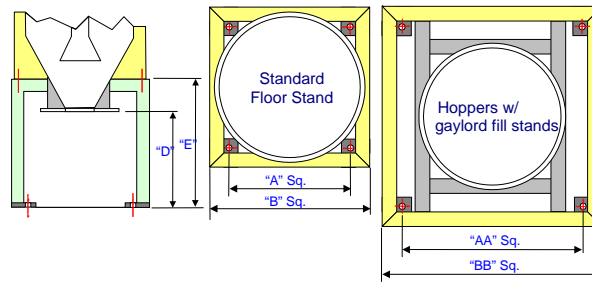
60-240 cu. ft.

300-425cu. ft.



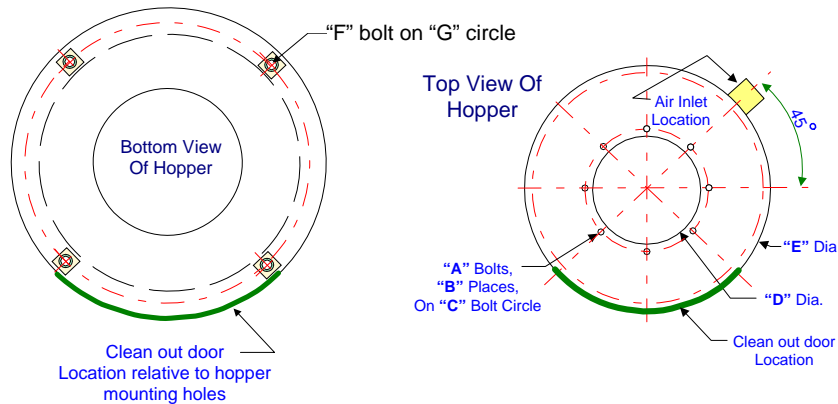
Floor stand dimensions

Hopper	A	AA	B	BB	D (Std)	D (gaylord)	E (Std)	E (gaylord)
CD-12	24	50	28	60	20	52	23	55
CD-17	24	50	28	60	20	52	23	55
CD-23	34	50	34	60	20	52	23	55
CD-30	30	50	34	60	20	52	23	55
CD-45	30	50	34	60	20	52	23	55
CD-60	40	50	44	60	20	52	23	55
CD-75	40	50	44	60	20	52	23	55
CD-90	50	50	54	60	20	52	23	55
CD-135	50	50	54	60	20	52	23	55
CD-180	64	68	68	74	20	52	23	55
CD-240	64	68	68	74	20	52	23	55
CD-300	74	78	78	84	20	52	23	55
CD-425	74	78	78	84	20	52	23	55



Bolt Placement

Hopper	A	B	C	D	E	F	G
CD-12	1/4-20	6	11	10-1/8	28	5/8	23
CD-17	1/4-20	6	11	10-1/8	28	5/8	23
CD-23	1/4-20	6	11	10-1/8	34	5/8	29
CD-30	1/4-20	6	11	10-1/8	34	5/8	29
CD-45	1/4-20	6	15	14-1/8	34	5/8	29
CD-60	1/4-20	8	15	14-1/8	44	5/8	39
CD-75	1/4-20	8	15	14-1/8	44	5/8	39
CD-90	1/4-20	8	15	14-1/8	54	5/8	49
CD-135	1/4-20	8	15	14-1/8	54	5/8	49
CD-180	1/4-20	8	15	14-1/8	68	5/8	63
CD-240	1/4-20	8	15	14-1/8	68	5/8	63
CD-300	1/4-20	8	15	14-1/8	78	5/8	73
CD-425	1/4-20	8	15	14-1/8	78	5/8	73



Notes:

1. To calculate the 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.
2. Weight shown is for insulated floor mount models. Weights for other model configurations may vary.
3. To calculate maximum operating weight, calculate maximum total weight capacity and add to dry hopper weight.
4. To calculate maximum footpad weight, calculate the maximum operating weight and divide by 4 (number of footpads)

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