



Continuous Duty Explosion-Proof & Dust Ignition Proof Vacuums

The CD series continuous duty vacuums safely collect explosive dust in general cleaning and process-integrated applications. All models are CSA-approved for use in Class I, Division I, Group D and Class II, Division I, Groups F and G environments. In addition, all models can be equipped to meet Group E requirements.

- Explosion-proof regenerative blower with a TEFC induction motor and few moving parts, requires less maintenance and has a longer service life
- Main filter cartridge surface is made of conductive aluminized spun-bond polyester
- Downstream HEPA filter available on all models
- Manual reverse purge cleaning feature enables operator to easily clean filter and provides consistent vacuum performance over long periods of time
- Removable, wheeled dust collection container allows for easy disposal and emptying of collected materials
- All 304 stainless steel construction removes static electricity and percussion arcing hazards
- Manometer standard on all models

Single-phase models sold complete with non-sparking, conductive hose and accessories. Hoses and tools are sold separately on three-phase models.





Manual Reverse Purge System



Step 1: Close slide valve on inlet to build vacuum pressure.



Step 2: Open flap to allow outside air to pass through filter.

Technical Features	Units	CD110 EXP	CD115 EXP	CD3507 EXP	CD3757 EXP
Collection type	wet/dry	dry	dry	dry	dry
Voltage @ 60Hz	V	120 / 220	120 / 220	220 / 460 / 575	220 / 460 / 575
Type of power	no. phases	1	1	3	3
Power	W	750	1500	3700	5500
Current draw, max.	amps	13.5 / 6.5	16 / 8	12 / 6 / 5	18 / 9 / 8
Waterlift, controlled	in. H ₂ O	65	70	100	95
Airflow, max.	cfm	110	125	216	285
Filter Area, main filter	sq. ft.	13	13	39	60
Filter Area, HEPA (downstream)	sq. ft.	6.6	6.6	20.4	61.2
Sound pressure level @ 6 ft.	dB(A)	74	75	77	80
Tank capacity	gal./L	9/35	9/35	9/35	10/40
Dimensions (L x W x H)	in.	44.6 x 23.2 x 54.0	44.6 x 23.2 x 54.0	44.6 x 23.2 x 54.0	50.5 x 28.5 x 79.5
Weight, machine only	lbs.	310	314	324	703
Machine inlet size	mm.	50	50	50	70
Cord length	ft.	50	50	50	50
HEPA filter efficiency	IEST RP-CC001.3	99.995% @ 0.3 microns	99.995% @ 0.3 microns	99.995% @ 0.3 microns	99.995% @ 0.3 microns