

SANDBLASTING CABINETS

M SERIE PRESSURE TYPE



Specially designed to increase productivity, the pressure type cabinet will be the answer to all your needs. It will give you fast results with tough jobs and hard-to-reach areas. Each Canablast pressure type cabinet has a one point three (1.3) cubic foot pressure vessel that forces the media through the blasting hose and the tungsten carbide nozzle.

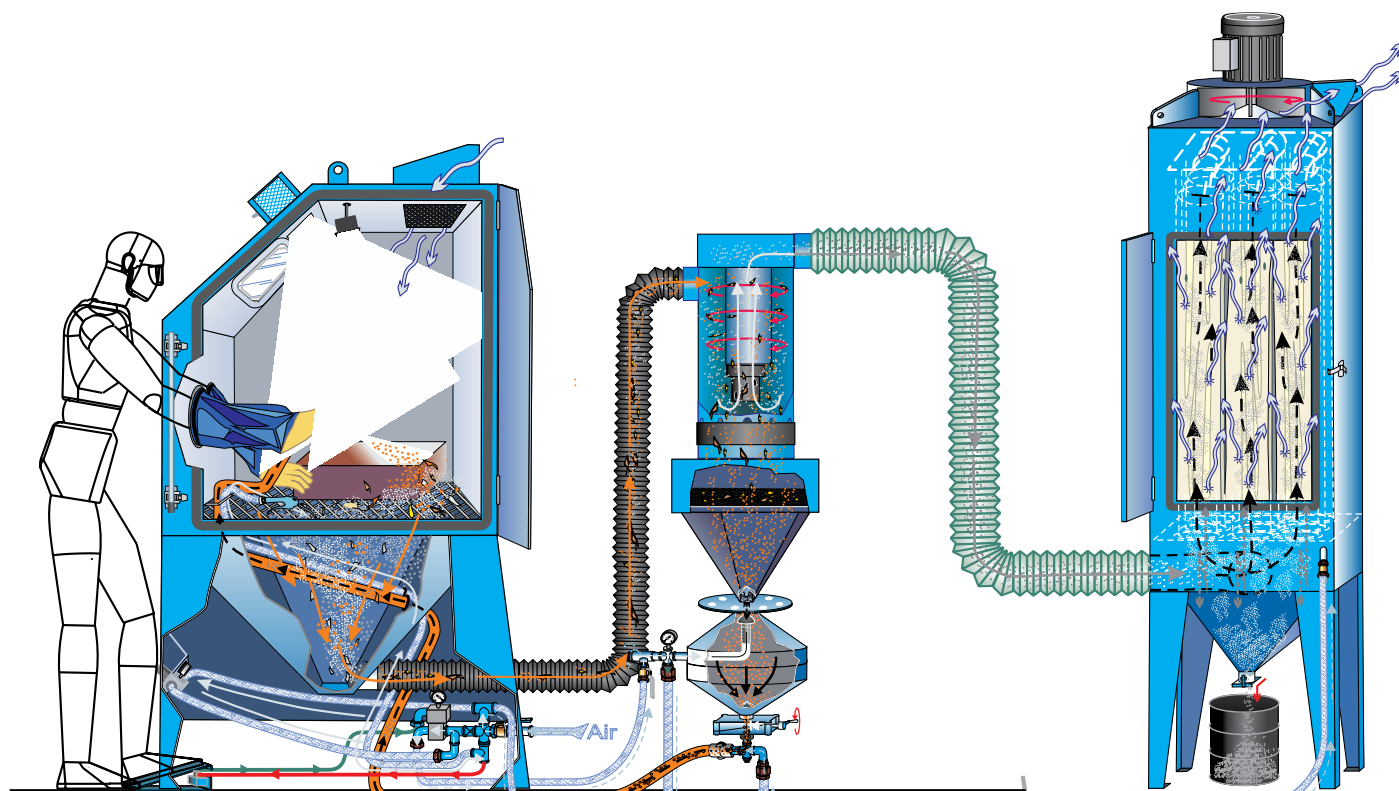
After impact on the work piece, the abrasive (glass beads, aluminum oxide or other light weight reclaimable media) is transferred to the reclaimer, which separates reusable media while dust is exhausted into the collector. High performance dust collectors are standard with all Canablast pressure type cabinets.

MARKETS

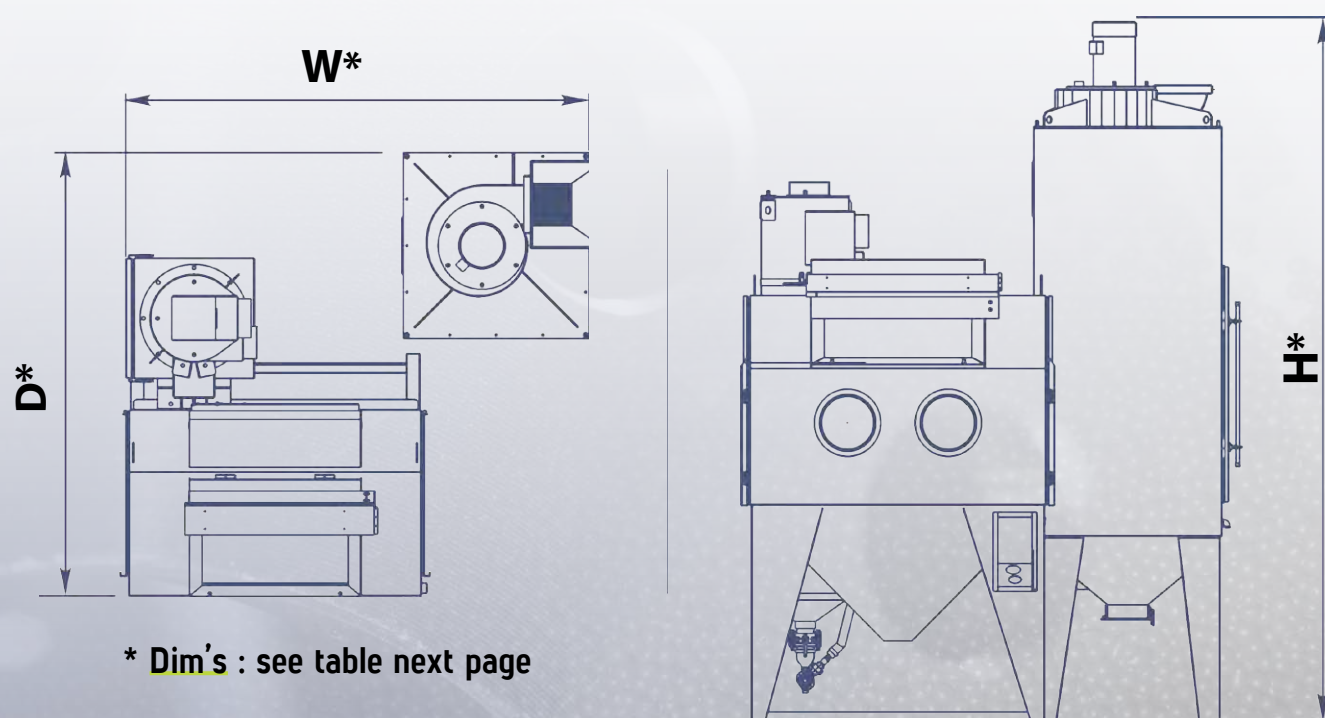
- General manufacturing
- Aerospace and aviation
- Marine
- Automotive
- Petroleum
- Power & energy
- Pharmaceutical

FEATURES

- Tunable reclaimer can be adjusted to control media size.
- Externally adjustable tuning band requires no tools and controls the size of fine particles extracted from the blast media.
- 1.3 cubic-foot pressure vessel minimizes refilling time and seals automatically for fast, easy startup.
- Rigid, dual-panel doors stand up to abrasives and seal more tightly than single-panel doors.
- Safety-door switch prevents accidental blasting when doors are open. Complies with OSHA (USA) requirements (not required in Canada, excepted in Ontario).
- Self-adjusting door latch assures continued tight sealing as door gasket ages.
- Simple, pneumatic controls deliver greater reliability than electric controls employing limit switches and solenoids that often stick and burn.
- Wide foot pedal enables operation with either foot.
- Fan is mounted on dust collector rather than reclaimer to prevent abrasive wear to the fan housing and impeller.
- Cartridge-type dust collectors available, offering improved efficiency and durability (also available in 600, 900 and 1200 CFM models).
- Dust collector features an energy-saving air-filtration system that captures 99% of all particles five (5) microns or larger.
- Can be operated with either DCM100, DCM160, DC230, and DCM230 dust collectors.
- CSA approved and made in Canada.



FLOOR PLAN



* Dim's : see table next page

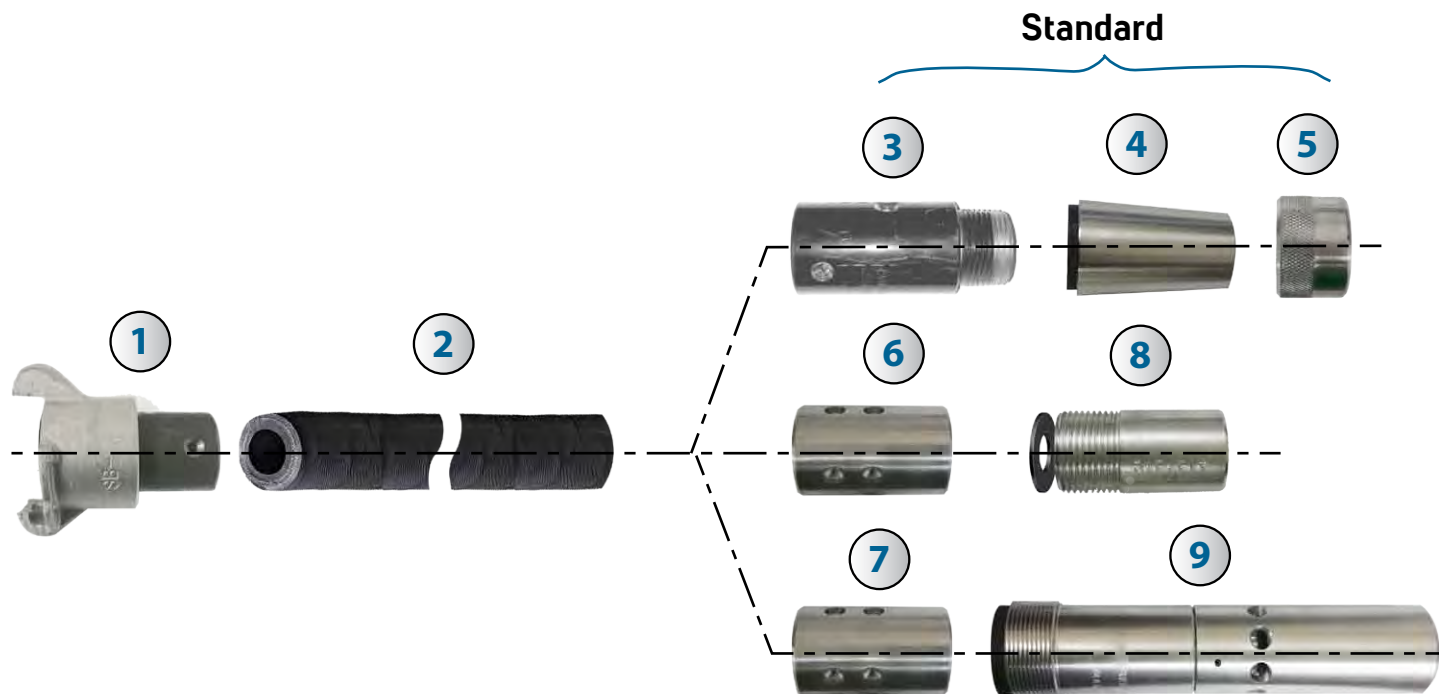
SPECIFICATIONS

DESCRIPTION	M2844P	M3636P	M3648P		M4848P	M6060P
Dust Collector	DCM100	DCM100	DCM100	DCM160	DCM160	DCM160
Part number	627175	627225	627275	627281	627581	627781
Fan CFM motor	600	600	600	900	900	900
Filter Area (square feet)	100	100	100	160	160	160
Collector dim's (□ xH)	□ 28" x 103"	□ 28" x 103"	□ 28" x 103"	□ 32" x 105"	□ 32" x 105"	□ 32" x 105"
Weight (lbs)	525	565	715	740	805	955
Overall dim's (DxWxH)	67" x 66" x 103"	67" x 66" x 103"	74" x 66" x 103"	75" x 70" x 105"	92" x 82" x 105"	101" x 92" x 105"
Interior dim's (DxWxH)	28" x 44" x 30"	36" x 36" x 33"	36" x 48" x 33"	36" x 48" x 33"	48" x 48" x 43"	60" x 60" x 48"
Door opening (WxH)	22" x 28"	30" x 30"	30" x 30"	30" x 30"	42" x 41"	42" x 33"

AIR CONSUMPTION FOR PRESSURE BLASTING SYSTEM

Opening	Psi/Lpc ¹	30	40	50	60	70	80	90	100
1/8"	CFM/ PCM ²	8	10	11	13	15	17	19	20
	Lb/Hr ³	55	69	84	97	110	127	140	154
3/16"	CFM/ PCM ²	18	22	26	30	33	38	41	45
	Lb/Hr ³	130	160	170	192	220	243	268	297
1/4"	CFM/ PCM ²	34	41	47	54	61	68	74	81
	Lb/Hr ³	219	276	302	351	398	460	504	556
5/16"	CFM/ PCM ²	53	65	77	89	101	113	126	137
	Lb/Hr ³	410	495	526	601	680	756	832	910
3/8"	CFM/ PCM ²	76	91	108	126	143	161	173	196
	Lb/Hr ³	570	710	750	860	970	1080	1184	1296
7/1"	CFM/ PCM ²	100	124	147	170	194	217	240	254
	Lb/Hr ³	770	840	1008	1160	1320	1476	1630	1782
1/"	CFM/ PCM ²	137	165	195	224	252	280	309	338
	Lb/Hr ³	1015	1230	1305	1500	1700	1890	2088	2277
5/8"	CFM/ PCM ²	212	260	308	356	404	452	504	548
	Lb/Hr ³	1325	1600	1875	2140	2422	2690	2973	3250

HOSE, COUPLINGS & NOZZLES OPTIONS



NOZZLE TYPE FOR PRESSURE CABINETS

No.	Model	Orifice	Length	Nozzle type	Stock #
1	CQA	N/A	N/A	(QUICK CONNECT HOSE FITTING)	-/-
2	SBH 1/2"	N/A	N/A	(SANDBLAST HOSE)	-/-
3	NC3-N3	N/A	N/A	(HOSE FITTING)	-/-
4	DC2-F2	1/8"	1 5/8"	TUNGSTEN CARBIDE CONICAL	605302
4	DC2-F3	3/16"	1 5/8"	TUNGSTEN CARBIDE (STANDARD)	605303
4	DC2-F4	1/4"	1 5/8"	TUNGSTEN CARBIDE	605304
4	BN2-F2	1/8"	1 5/8"	BORON CARBIDE	605308
4	BN2-F3	3/16"	1 5/8"	BORON CARBIDE	605309
4	BN2-F4	1/4"	1 5/8"	BORON CARBIDE	605310
5	NA-1	N/A	N/A	(NOZZLE COUPLING)	-/-
6	NH	N/A	N/A	(HOSE FITTING)	-/-
7	NH	N/A	N/A	(HOSE FITTING)	-/-
8	DC1-2	1/8"	1 3/4"	TUNGSTEN CARBIDE THREADED 3/4" NPS	605358
	DC1-3	3/16"	1 3/4"	TUNGSTEN CARBIDE 3/4" NPS	605359
	DC1-4	1/4"	1 3/4"	TUNGSTEN CARBIDE 3/4" NPS	605360
	BC1-2	1/8"	1 3/4"	BORON CARBIDE 3/4" NPS	605414
	BC1-3	3/16"	1 3/4"	BORON CARBIDE 3/4" NPS	605415
	BC1-4	1/4"	1 3/4"	BORON CARBIDE 3/4" NPS	605416
9				DOUBLE VENTURI NOZZLE	

AVAILABLE OPTIONS



TURNTABLE

Canablast standard capacity turntables are rated for 250 lbs to 2000 lbs, lets you manually rotate the work piece inside the cabinet.

Optional pneumatic or electric powered turntables, with fixed or variable speed operation, move parts for manual or automated blasting.



WORK CAR

The work car system is designed to convey parts in the blasting enclosure. The work car is manually moved into and out of the blasting enclosure.

The work car rides on an inverted angle V-track with steel base plates designed to be mounted directly on top of the floor grating.

The work cart comes with a Canablast standard turntable that is rated for 250-lb. to 2,000-lb. capacity, lets you manually rotate the work piece inside the cabinet.



VERTICAL PNEUMATIC DOOR

Mounted on one side (or both), pneumatic vertical lift doors reduce the floor space required to swing open a conventional door.

This is especially useful with a work car. Available on most cabinets the pneumatically operated doors open with a switch..

AVAILABLE OPTIONS (CONT'D)



CABINET RUBBER LINING

Protect your investment from aggressive abrasives with rubber lining for the cabinet interior walls and doors, and a longer-wearing boron carbide nozzle.

Curtains available in black, Red (super high wear resistant or reflective white).



ADDITIONNAL LIGHTS

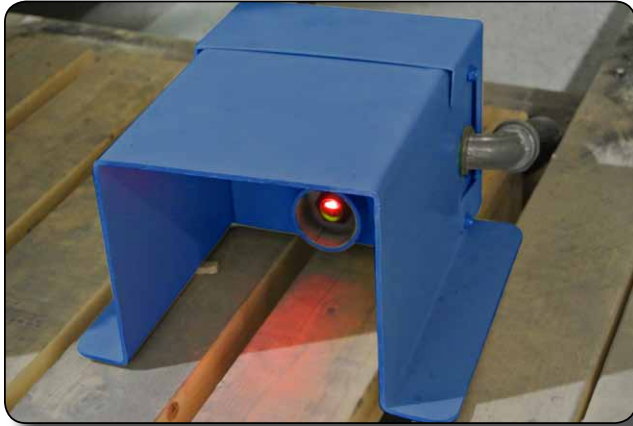
When using dusty abrasive or rusted parts these extra lights will ensure better visibility inside the blast cabinet



SECURITY DOOR SWITCH

Safety interlock switch can be installed on each door to stop blasting whenever someone opens a door.

AVAILABLE OPTIONS (END)



ERGONOMIC NO CONTACT FOOT PEDAL

This new foot pedal will not cause strain to the operator's foot since you only need to slide foot inside foot pedal box this will activate blast system, compared to a standard pedal being held down causing strain to the operator's foot after an extended period of time.



WIDE OPENING OVAL SHAPE GLOVES

Larger opening means ease of moving the nozzle and less stress on arm it will be also easier to reach the part from various angles.

The gloves are easily replaceable from outside the cabinet.

ASSOCIATED DEVICES



RECLAIMER

Media recycling reclaimers save time and money by continuously separating the good blast media particles from the dust, paint chips, and broken media. All reclaimers include a wear plate, which prolong their usable life.

Standard with adjustable vortex, and externally adjustable vortex, let you tune the reclaimer to handle different size density media particles.



PRESSURE VESSEL

All Canablast pressure cabinets come standard with a metering valve for defined efficiency. This valve allows for the fine-tuning of the flow of media to the mixing point where the abrasive meets the air flow. All pressure cabinets come equipped with a auto-air valve/blow down system that is controlled by foot controlled pedal.

Once foot pedal is activated, the auto-air valve opens and the blow down valve closes pressurizing the blast vessel to the pre-regulated blast pressure that will start the blast cycle.

Once foot pedal is released, the process reverse and the blast vessel blows down into the rubber lined hopper of the blast cabinet.

ASSOCIATED DEVICES (END)



DUST COLLECTOR (BAG TYPE)

A Dry Filter contains a set of cotton satin tubes; the higher the cfm rating, the greater the number of tubes. With a Dry Filter, the operator periodically stops blasting, turns off the exhaustor motor, and shakes a handle to knock the dust from the insides of the tubes into a tray at the bottom of the Dry Filter. From time to time, the operator must empty the tray.

Manual tube shaking and dust disposal activity relegates the Dry Filter to light- and medium-duty manual blasting applications.

Also available, an automatic shaker that works with a pneumatic cylinder and timer each time operator shuts the unit down after a few seconds the shaker will be activated for 30 seconds.

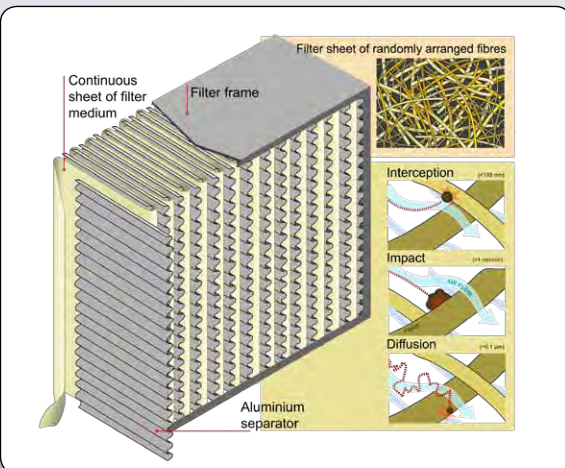


OPTIONAL CARTRIDGE TYPE DUST COLLECTOR

Cartridge dust collectors feature a built-in hopper to minimize dust-handling activity.

With Cartridge models, at each pulse, dust falls first into the hopper and then into a sealed disposal drum or bag beneath it. Cartridge dust collectors are commonly used in high-volume operations, for manufacturing, automotive parts rebuilding, and coating removal.

Four standard models are available ranging from 600- to 1800-cfm: the higher the rating, the greater the number of cartridges. HEPA filtration is available as an option.

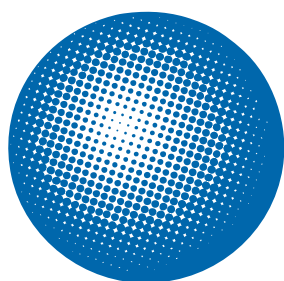


HEPA FILTER

Our standard reverse pulse cartridge dust collectors trap 99.7 percent of dust particles as small as 0.5 microns. A High Efficiency Particulate Air (HEPA) filter captures 99.97 percent of the remaining dust particles (down to 0.3 microns). Our freestanding HEPA filter connects to any existing Canablast Reverse-pulse dust collector.

WARRANTY INFORMATION / TECHNICAL ASSISTANCE

Canablast is a registered trademark of :



**International
Surface
Technologies**

For more information, prices or technical assistance,
contact your local IST distributor or call / fax Our
Consumer Information Numbers :

TEL.: 1 00 361-1185 & 450 963-4400 FAX : 450 963-5122

Or visit us at :

www.canablast.com

OUR MISSION

WHO WE ARE

IST is a leading industrial manufacturer of standard and custom engineered equipment for the surface treatment industry and the solvent recycling industry.

MISSION

IST is dedicated to being an innovative and trusted supplier in the conception, fabrication and distribution of surface treatment equipment and recycling equipment.

The success of our mission relies on the following core values :

Innovation – Integrity – Quality

MARKETS SERVED

The products, technologies and industry expertise of IST are used in a wide range of manufacturing and industrial applications, including but not limited to :

- General Manufacturing
- Industrial Equipment
- Metal forming
- Aerospace and Aviation
- Rail and Transit
- Marine
- Automotive
- Petroleum
- Flexography (labelling) & Lithography
- Wood finishing
- Power & Energy
- Pharmaceutical

