PB1000P Blast Cabinets

Product Features

The PB1000P Heavy Duty Pressure Blast Cabinet is a highly efficient, general purpose, industrial blast cabinet, compatible with a wide range of abrasive media, including:

- Chilled Iron Grit.
- Garnet.
- Aluminium Oxide.
- Steel Grit.
- Glass Beads.

- Up to three times faster than suction blast systems.
- 31 liters (1.1ft³) blast pot.
- Cyclone type abrasive separator cleans abrasive during use.
- Safety door interlock.
- Integral dry cartridge reverse pulse dust collector for clear visibility.
- Heavy duty wear resistant rubber gloves.
- Quick-change laminated glass viewing window - no tools required.
- Fina II abrasive metering valve.
- Compressed air regulator and gauge.
- Standard air blow down gun.

Common Applications

- De-scale and de-rust metal.
- Remove paint and coatings.
- Remove burrs, flashings and sand from castings and moldings.
- Decorative finishing of non-ferrous metals.
- Stone and glass etching.
- Mold cleaning.

Complementary Products

ATN-S Blast Nozzles

ABN-S Blast Nozzles

ATN-M Blast Nozzles

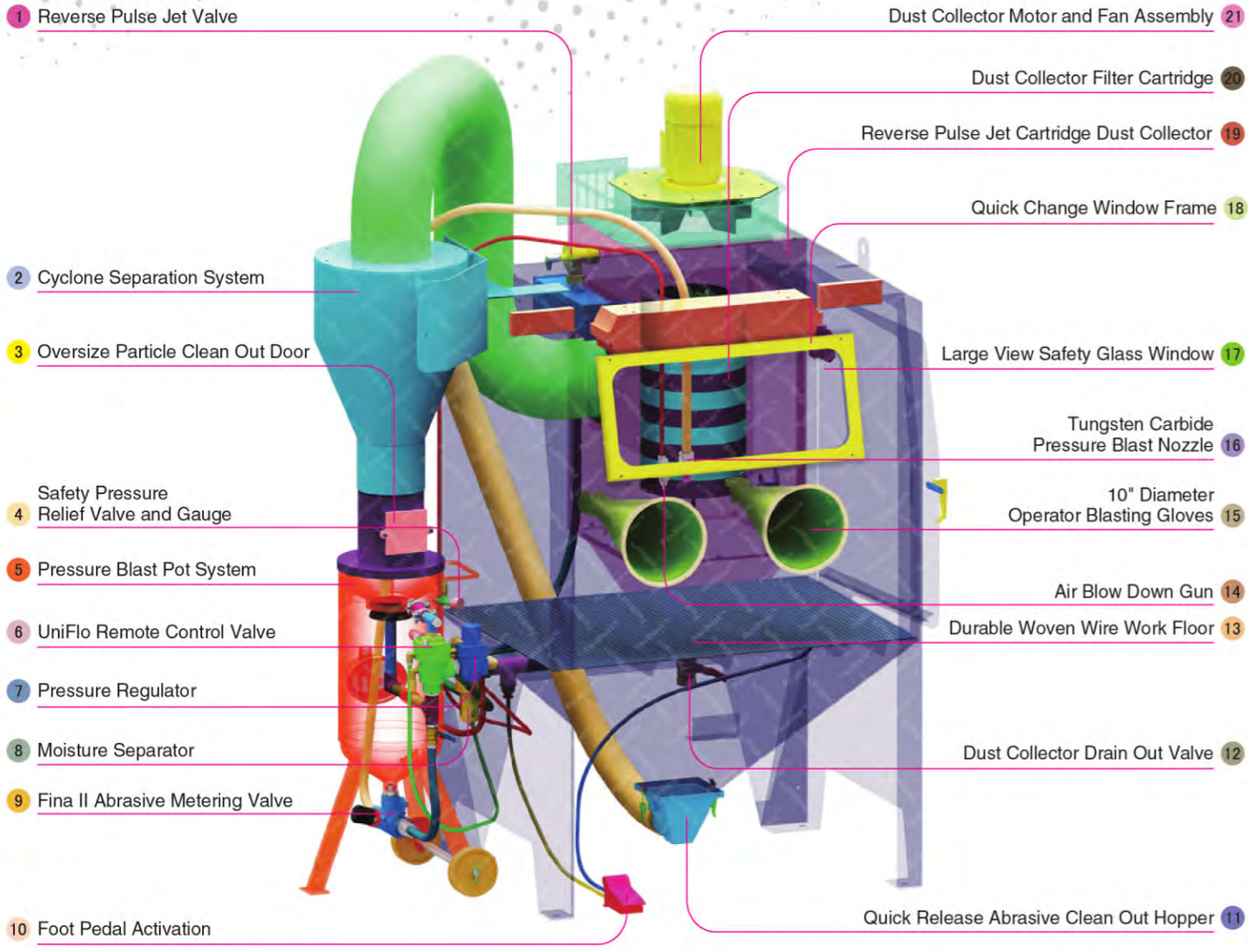
AER85 Blaster

Pow Air Vac

Filter Cartridge

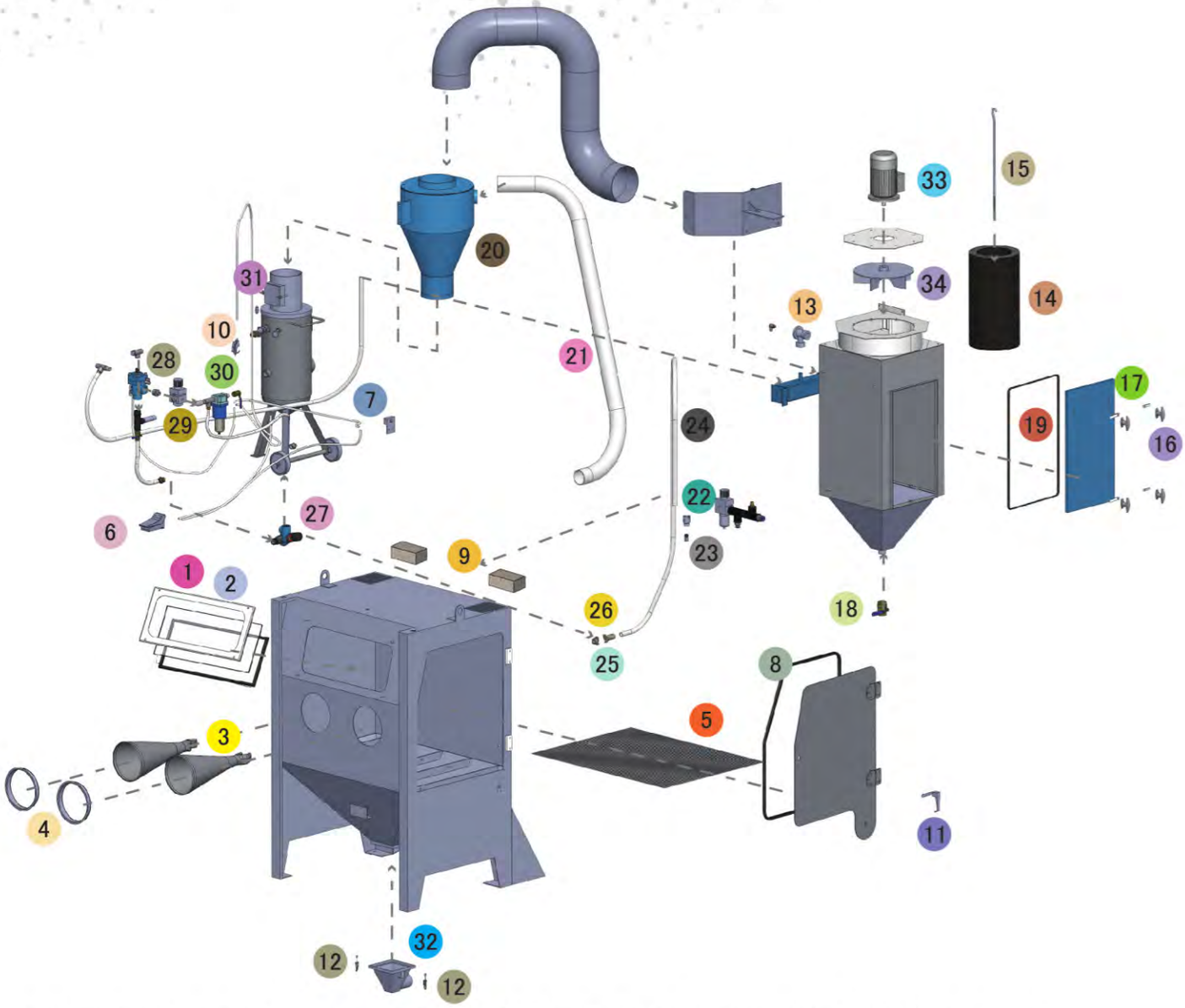
Moisture Separator

Cabinet Window Cover



Component Highlights

1. Reverse Pulse Jet Valve
2. Cyclone Separation System
3. Oversize Particle Clean Out Door
4. Safety Pressure Relief Valve and Gauge
5. Pressure Blast Pot System
6. UniFlo Remote Control Valve
7. Pressure Regulator
8. Moisture Separator
9. Fina II Abrasive Metering Valve
10. Foot Pedal Activation
11. Quick Release Abrasive Clean Out Hopper
12. Dust Collector Drain Out Valve
13. Durable Woven Wire Work Floor
14. Air Blow Down Gun
15. 10" Diameter Operator Blasting Gloves
16. Tungsten Carbide Pressure Blast Nozzle
17. Large View Safety Glass Window
18. Quick Change Window Frame
19. Reverse Pulse Jet Cartridge Dust Collector
20. Dust Collector Filter Cartridge
21. Dust Collector Motor and Fan Assembly



Notation: AU: Approved by Worksafe, Australia. NZ: Approved by Department of Labour, New Zealand. SG: Approved by Ministry of Manpower, Singapore.

Assemblies

Stock Code	Description	Weight
BEC-CA-0570-00	PB1000P/AU Pressure Cabinet Assembly	600kg (1322lbs)
BEC-CA-PB-0009	PB1000P/NZ Pressure Cabinet Assembly	600kg (1322lbs)
BEC-CA-0565-00	PB1000P/SG Pressure Cabinet Assembly	600kg (1322lbs)

Optional Accessories

Stock Code	Description	Stock Code	Description
BAC-CA-PB-0180	Track & Trolley	BAC-CA-PB-0243	Tumble Basket Ø350mm x 375mm
BAC-CA-PB-0244	Fixed Turntable Kit	BAC-CA-PB-0040	Tumble Basket Ø300mm x 325mm
BAC-CA-PB-0277	Cabinet Gun Stand	BAC-CA-PB-0455	Foot Valve Guard
BAC-CA-PB-0278	Rubber Lined Cabinet	BAC-CA-PB-0292	Operator Sound Kit
BAC-CA-PB-0241	Dust Collector Silencer Kit	BAC-DC-0002-01	Single Cartridge Auto-Reverse Pulse Kit

Parts List

Item	Stock Code	Description	Qty
1	BAC-CA-PB-0137	Rectangular Window	1
2	BAC-CA-PB-0141	Cabinet Window Seal	2
3	BAC-GL-PB-0003	10" Ø Cabinet Rubber Gloves	1PR
4	BAC-CA-PB-0157	Cabinet Entry Ring	2
5	BAC-CA-PB-0126	Cabinet Floor Mesh	1
6	BAC-CA-PB-0086	Foot Valve Spring Return	1
7	BAC-CA-PB-0087	Door Interlock Valve	1
8	BAC-CA-PB-0178	Cabinet Door Seal	1
9	BAC-CA-PB-0140	Air Entry Filter	2
10	YAC-CA-PB-0145	1/4" Blow Off Gun	1
11	YAC-CA-PB-0138	Latch	1
12	YAC-FN-PB-0041	Toggle Catch	2
13	BAC-DC-PB-0007	Pulse Valve	1
14	BAC-DF-PB-0002	Filter Cartridge – Size 2	1
15	YAC-DC-PB-0005	700mm Hanger Rod	1
16	YAC-CA-PB-0146	Handle	4
17	YAC-CA-PB-0205	Handle Tongue	4
18	BAC-PF-PB-0008	38mm (1 1/2") Ball Valve	1
19	BAC-CA-PB-0406	Dust Collector Door Seal	1
20	BAC-CA-0281-04	Rubber Lined Cyclone	1
21	BAC-CA-0597-00	Recovery Hose	1
22	BAC-NZ-PB-0025	ANH-1/2 Aluminium Nozzle Holder	1
23	BAC-NZ-PB-0054	Blast Nozzle ATN-3s Alum/Tungsten Short	1
24	BAC-CA-0592-00	Blast Hose	1
25	BAC-HC-PB-0054	NHC-1/2 Nylon Hose Coupling	1
26	BAC-HC-PB-0057	NTC-1/2 Nylon Threaded Pot Coupling	1
27	BAC-VA-0397-00	Fina II Valve 1/2"M x 3/4"F	1
28	BAC-RC-PB-0014	UniFlo Valve Assenbly With Fittings	1
29	BAC-AF-PB-0153	19mm (3/4") Pressure Regulator With Gauge	1
30	BAC-PF-PB-0004	19mm (3/4") Ball Valve	1
31	BAC-PF-PB-0030	6mm (1/4") – 125 psi Pressure Relief Valve	1
32	YAC-CA-PB-0226	Spigot	1
33	YAC-CA-PB-0144	1.5kw 415v/50hz Motor	1
34	YAC-CA-PB-0183	Fan Impellor – 360cfm Aluminium	1

Technical Data

- **Optional Turntable Load:**
  250kg (551lbs)
- **Internal Size:**
  1100mm (43") Wide 920mm (36") Deep
  890mm (35") High
- **Door Size:**
  755mm (30") Wide 855mm (34") High
- **Air Consumption:**
  85m³/hr (50cfm) @550kPa (80psi)
- **Blast Nozzle Size:**
  BAC-NZ-PB-0054
  Nozzle ATN-3S Orifice 3/16" - 4.8mm
- **Cabinet Light:**
  2 x 18 Watt 230V 50Hz
- **Cabinet Overall Dimension:**
  1830mm (72") Wide 1573mm (62") Deep
  2400mm (95") High
- **Recommended Floor Area:**
  3400mm (134") Wide 2400mm (95") Deep
- **Window Size:**
  750mm (30") Wide 300mm (12") High
- **Air Supply Line:**
  19mm (3/4")
- **Electrical Power:**
  1.5Kw (2hp) 415VAC 50Hz 2 Pole 3 Phase