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INDUSTRIAL PARTS AND SANDBLASTING EQUIPMENTS CATALOG

(cabinets, pressure vessels & accessories)





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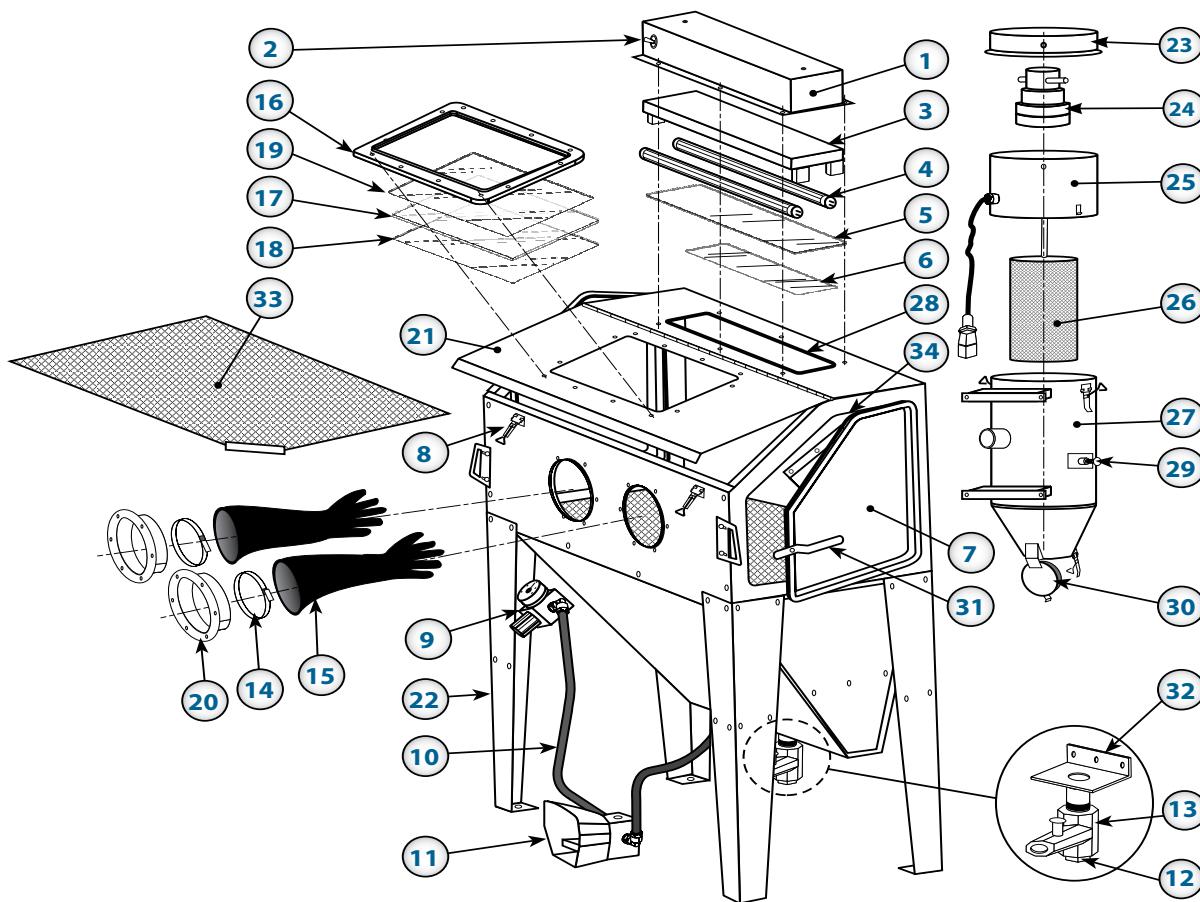
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BLAST CABINETS





BLAST CABINET ECO420

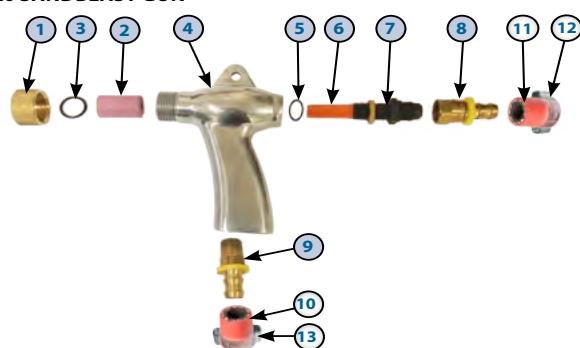


#	STOCK	DESCRIPTION
1	415101	Lamp Housing
2	415101A	Switch
3	415102	Double Fluorescent Tube Fixture
4	415103	Fluorescent Tube
5	415104	Lighting Window
6	415105	Light Window Seal
7	415106	Side Door
8	415107	Door Latch
9	415108	Pressure Gauge 150 psi with Regulator
10	606104	½" ± PVC Compressed Air Hose (sold per foot)
11	415111	¾" Foot Pedal Complete

#	STOCK	DESCRIPTION
12	415112	Metering Valve Plug
13	415113	Metering Valve
14	624128	T Clamp T-128 (8"Ø) for Gloves (sold per unit)
15	415115	Gloves, Pair
16	415116	Window Frame Cover
17	910298	Glass
18	415118	Protection lens (Pack of 5)
19	415119	Plastic board
20	415120	Mounting ring, Gloves
21	415121	Lid, cabinet
22	415123	Legs, Cabinet

#	STOCK	DESCRIPTION
23	415124	Top of D.C.
24	415125	Vacuum Motor
25	415127	Cover, Motor
26	405100	Dust Filter
27	415130	Round Dust Collector
28	415131	Sealing Tape
29	415134	Push Rod
30	415133	Board, Exhaust
31	415135	Door locker
32	415137	Cover
33	415139	Floor
34	618320	Door Gasket

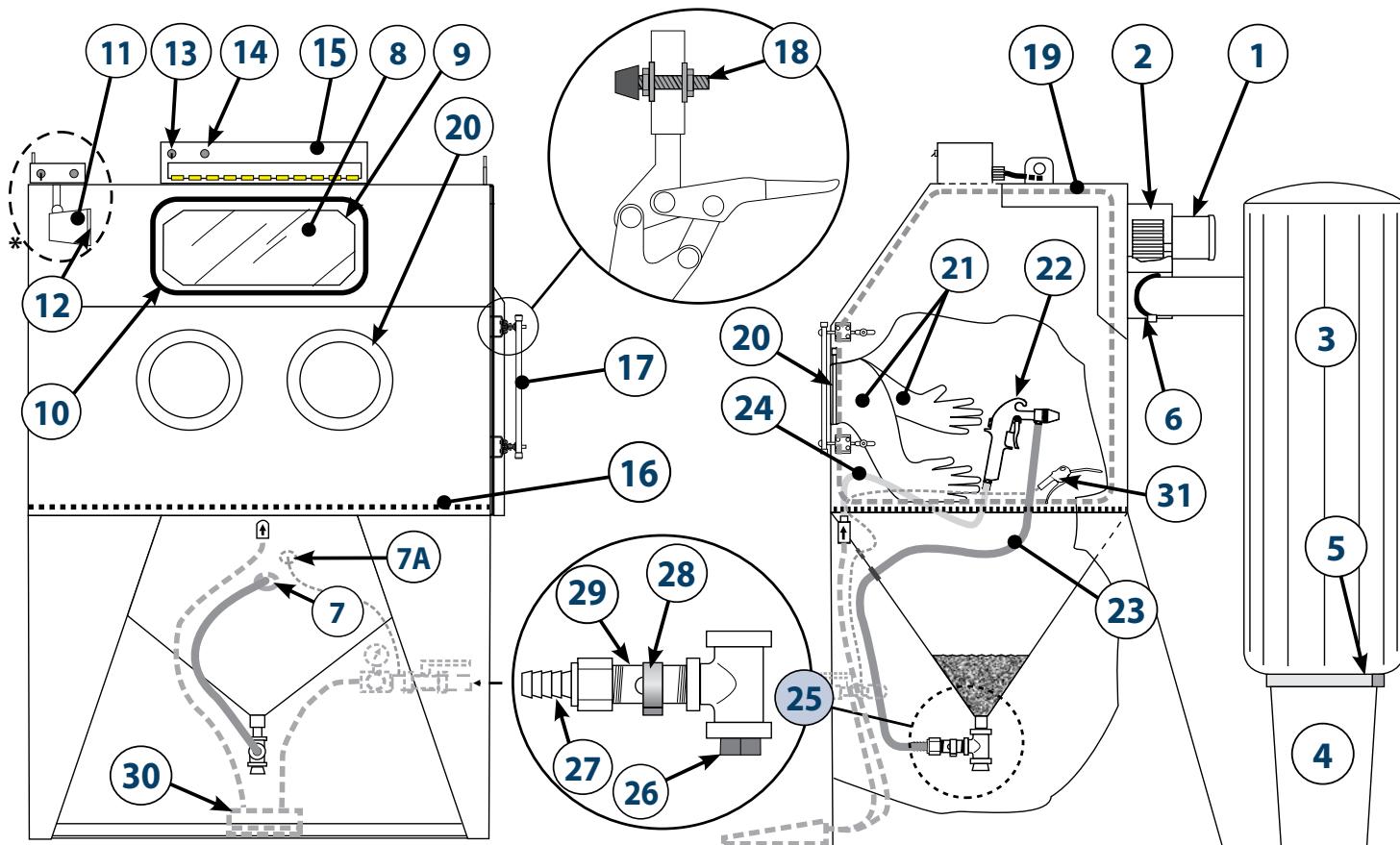
ECO420 SANDBLAST GUN



#	STOCK	DESCRIPTION
A	420010	COMPLETE GUN WITH 7 MM NOZZLE
1	420001	Nozzle Holding Nut, Brass
2	905304	Ceramic Nozzle, 7 mm
3	420003	O-Ring, Nozzle
4	420004	Gun Body
5	420005	Air Jet Hex Nut, Brass
6	420006	Sleeve, Air Jet
7	420007	Air Jet
8	420008	½" I.D. x ¾" Hose barb
9	420009	Media Inlet Fitting, Barb ¾"
10	606148	Hose, Media ½"
11	606104	Hose, Air ½"
12	624015	O Clamp ¾"



BLAST CABINET ECONO 26 TO 48 SERIES



#	STOCK	DESCRIPTION
1	616306	1/3 hp Electric Motor 120V AC, 60 Hz, 3450 rpm
2	610522	High-Efficiency ECONOBLAST Turbine
3	601315	DB-13 Dust Bag
4	601310	23 L White Plastic Dust Pail
5	624137	T Clamp T-188 (11 1/4" Ø) Clamp for Dust Pail
6	624117	T Clamp T-64 (4" Ø)
7	618126	Air Hose Grommet 1/2" (3/4")
8	610205	14" x 22" Laminated Safety Window
9	613026	RPW 26 Self-Adhesive Plastic Shield, 20 3/4" x 12 7/8"
10	610207	Window's Rubber Gasket
11*	617127A	250 W Halogen Light Bulb (for Flood Light 250W) (before 2017)
	617131	LED Flood Light Upgrade Kit 150 W - 1200 lumen (after 2017)
12*	610213	Pyroceram Glass 5 1/2" x 4" (before 2007)
	610206	Pyroceram Glass (since 2007)
13	617014	ON/OFF Switch
	617019	Switch Protection
14	616935	AGC 10 A - 250 V Fuse
	616907	Fuse Holder
15*	617161	Light Fixture for DEL (since 2017)
	610322	Protective Glass for DEL (since 2017)

#	STOCK	DESCRIPTION
16	610455	ECONO 26" x 36" Expanded Steel Floor
	610453	ECONO 28" x 44" Expanded Steel Floor
	610451	ECONO 36" x 36" Expanded Steel Floor
	610456	ECONO 36" x 48" Expanded Steel Floor
17	610288	Standard ISTblast® Complete Door Lock
18	910223	Door Latch Rubber Bumper Screw
19	618321	Rubber Door Gasket Type D (sold per foot)
20	610229	8" Ø Glove Flange (sold by unit)
	624128	T Clamp T-128 (8" Ø) Clamp for Gloves (sold per unit)
21	603212	Nylon Sleeve Gloves, 8" ID x 30" long (sold in pairs only)
22	*****	G15 Trigger Operated Sandblast Gun (see next page)
23	606104	1/2" ± PVC Abrasive Hose (sold per foot)
24	606103	3/8" Ø Air Hose (sold per foot)
25	608010	AR-3/4 Abrasive Regulator
26	939143	Threaded Polyethylene Plug for AR-3/4 Abrasive Regulator
27	632960	PL Adaptor 3/4" FPT x 1/2" B
28	608011	AR-3/4 Clip
29	630505	3/4" x 3" Nipple
30	600115	OPTION: Factory Mounted Pedal* Kit & G5 Blast Gun
	600215	OPTION: Pedal* Kit & G5 Blast Gun (parts only)
31	610275	OPTION: Blowgun dust

* Refer to Upgrades list at page 58 for specific replacement parts for your equipment.



G15 TRIGGER OPERATED SANDBLAST GUN

G15 BLAST GUN, PARTS LISTING

A	#	Part No.	Description
Complete pre-assembled gun	1	610110	G15 Gun Body
	2	610111	G15 Suction Head
	3	607039	G15 Nozzle Adaptor
	4	632761	3/8" MPT x 1/2" Stem Brass
	5	618218	G15 Rubber Protector
	6	618100	G15 O-Ring
	7	NPN	Hexagonal Screw 1/4" - 20 x 1/4"
	8	910104	G15 Repair Kit

NOZZLE AND AIR JET COMBINATIONS

A		Nozzle				Complete Air Jet		
G15	Nozzles	Model	Orifice	Length	Code	Code	Orifices	
A		B				C		
610100	Ceramic	CN1-4	1/4"	1-1/4"	605000	610113	1/8"	
610101	Ceramic (Standard)	CN1-5	5/16"		605001	610114	5/32"	
610102	Tungsten	TN1-4	1/4"	1-1/4"	605002	610113	1/8"	
610103	Tungsten	TN1-5	5/16"		605003	610114	5/32"	

* Pre-assembled sandblast guns includes parts 1 to 6, plus a combination of B-C

CERAMIC NOZZLE

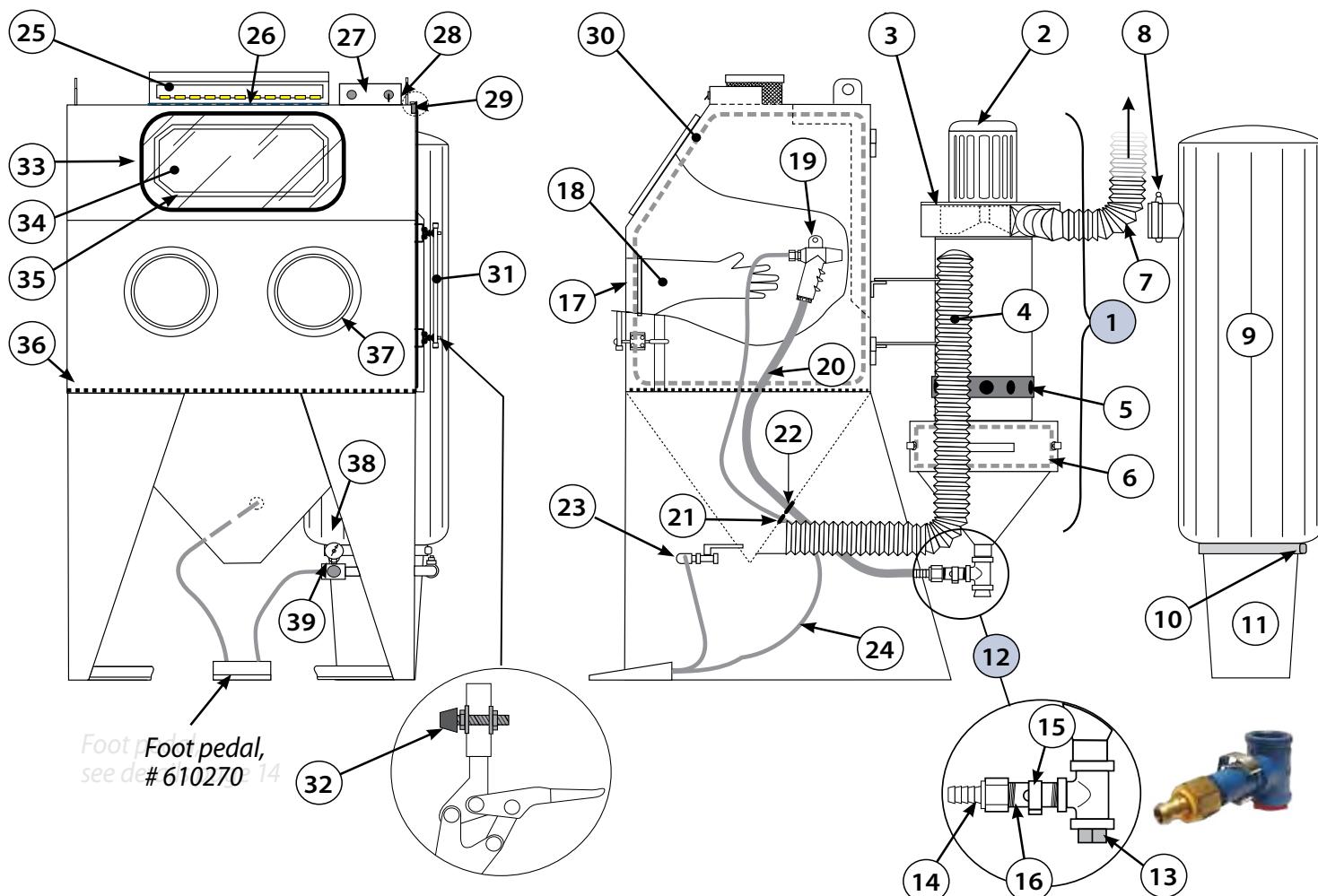
CN_		Cost-efficient nozzle for occasional use with soft abrasive media, such as glass beads, walnut shell, and steel shot / grit.
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TUNGSTEN CARBIDE NOZZLE

TN_		Higher durability nozzle for regular use with highly abrasive media, such as aluminum oxide and GMA Garnet.
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BLAST CABINET ECAB 3-5-7 SERIES



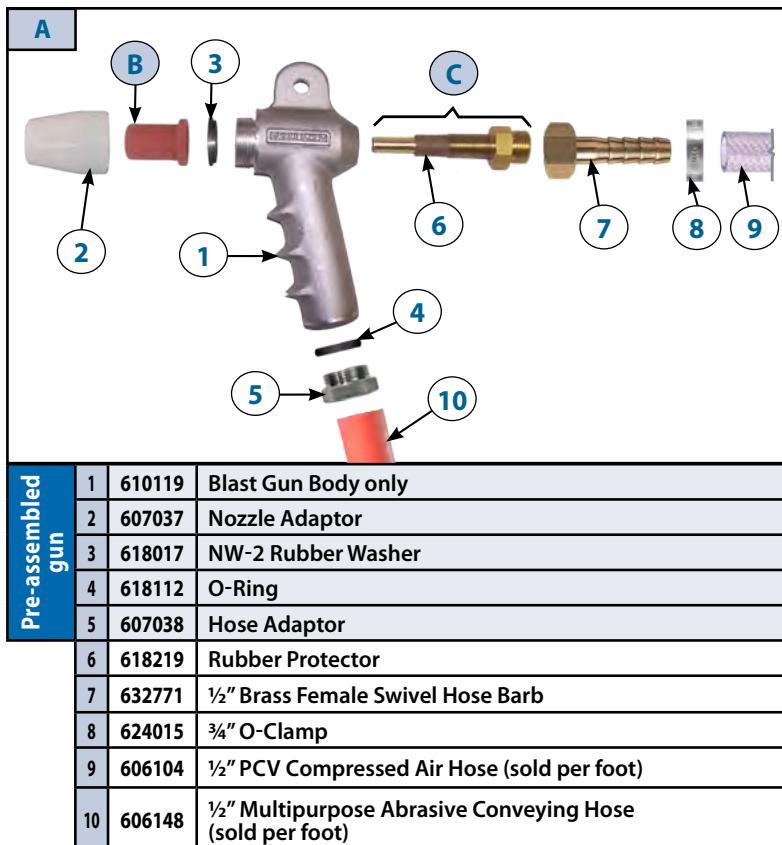
1	609186	RVM 10" Complete Reclaimer with Motor	24	606104	½" ± PVC Compressed Air Hose (sold per foot)
2	616311	½ hp Electric Motor 120 V / 1ph / 60 Hz / 3450 rpm	25*	617130	LED Light Bulb 14.5 W (100 W) 5000 K (before 2017)
3	610525	½ hp Impeller		617161	24" LED Light Fixture (since 2017)
4	606161	3½ " Suction hose (sold per foot)	26*	610202	4½" x 18" Protective Glass for Bulb Light System (before 2017)
5	618334	SBR Rubber ½" x 2" wide		613029	4½" x 18" Protective Acetate for Bulb Light System (before 2017)
6	618318	Rubber Foam ½" x ¼" 37½" long		610322	Protective Glass for 24" LED Light Fixture (since 2017)
7	606167	4" Dust Collector Suction Hose	27	616934	AGC fuse 2 A / 250 V
8	624117	T Clamp #64 (4")		616907	Fuse Holder
9	601315	DB-13 Dust Bag	28	617014	ON/OFF Switch
10	624137	T Clamp T-188 (11½")		617019	Switch Protection
11	601310	23 L White Plastic Dust Pail	29	600116	Safety Switch Option ECAB 3-5-7
12	608010	Complete AR-¾" Regulator	30	618321	¼" X 1" D type Rubber Door Gasket (Sold Per Foot)
13	939143	Threaded Polyethylene Plug for AR-¾" Abrasive Regulator	31	610288	ISTBLAST® Standard Door Lock
14	632960	PL Adaptor ¾" FPT x ½" B	32	910223	Door Latch Rubber Bumper Screw
15	608011	AR ¾" Clip	33	610207	Window Rubber Gasket
16	630505	SP Nipple ¾" X 3"	34	610205	14" X 22" Laminated Safety Window
17	624128	T-Clamp T-128 8" (sold per unit)	35	613026	RPW 26 Self-Adhesive Protective Acetate
18	603212	Nylon Sleeve Gloves, 8" ID x 30" long (sold in pairs only)	36	610455	ECAB 3 - 26" X 36" Expanded Steel Floor
19	*****	G5 Foot Operated Sandblast Gun (see next page)		610453	ECAB 5 - 28" X 44" Expanded Steel Floor
20	606148	Multi-Purpose Abrasive Hose ½" (sold per foot)		610456	ECAB 7 - 36" X 48" Expanded Steel Floor
21	618126	Air Hose Grommet ½" (¾)	37	610229	8" Ø Glove Flange
22	618127	Abrasive Hose Grommet ½" (¾)	38	611022	¼" Pressure Gauge
23	608102	½" Female Ball Valve for Compressed Air Inlet	39	608022	Pressure Regulator

* Refer to Upgrades list at page 58 for specific replacement parts for your equipment.

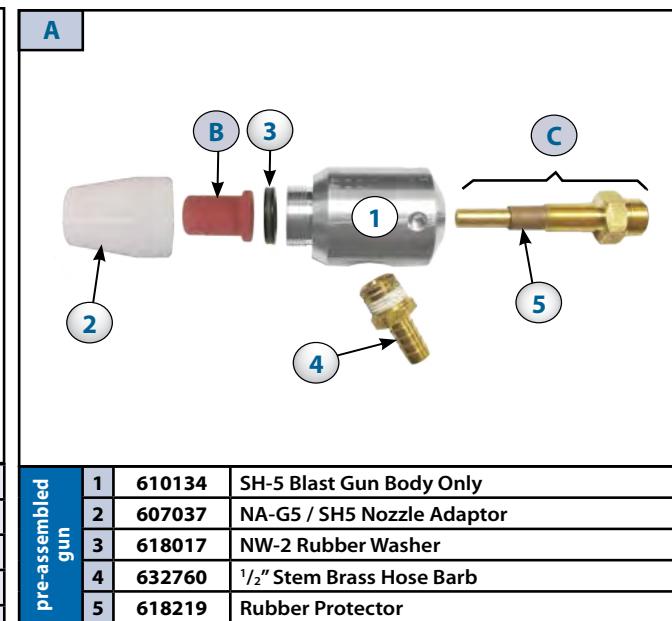


G5/SH5 FOOT OPERATED SANBLAST GUN

G5 GUN PARTS LIST



SH5 GUN PARTS LIST



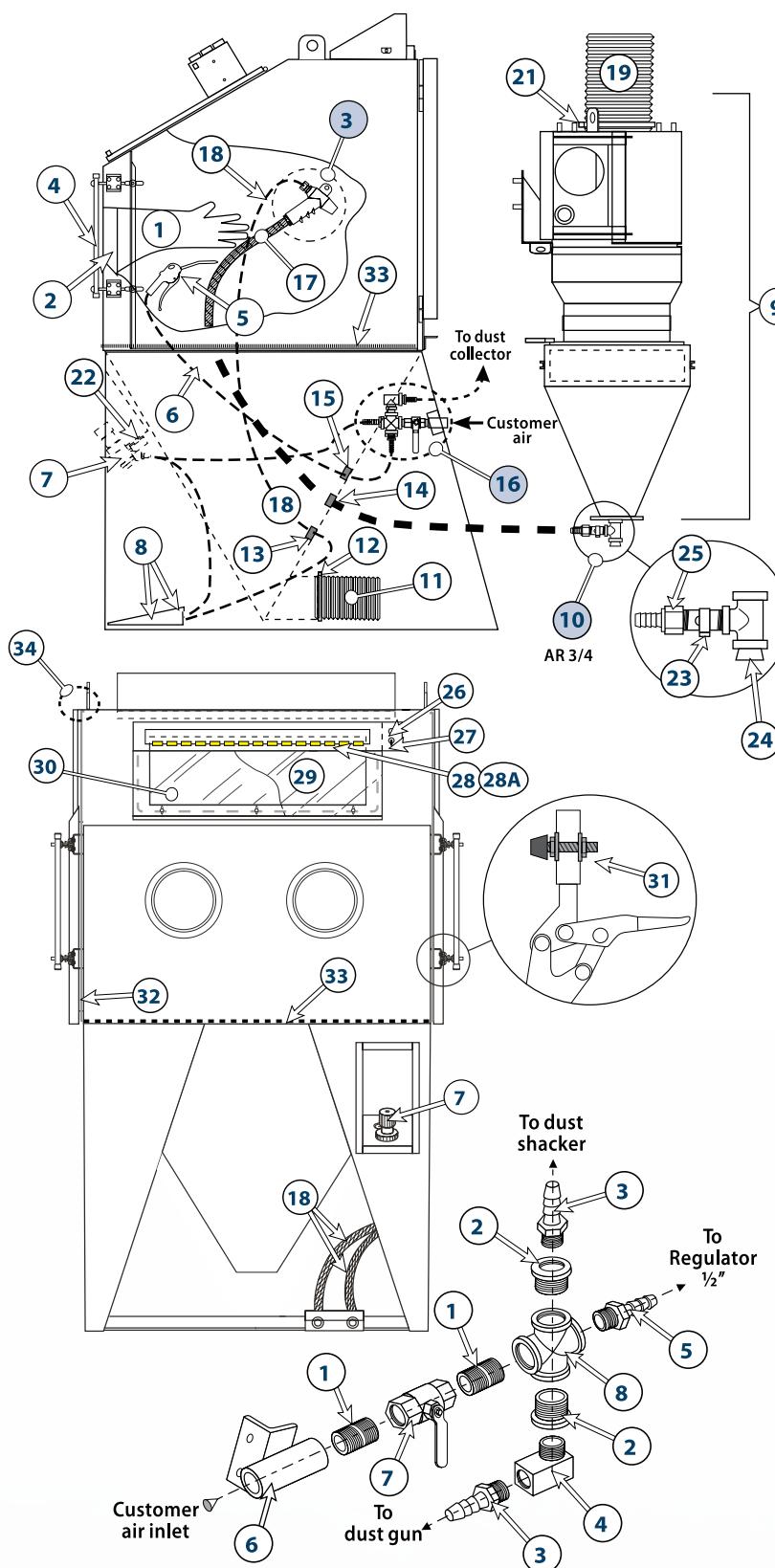
PROPER AIR JET/NOZZLE COMBINATIONS

Pre-Assembled blast guns (*)			Nozzles				Air jet (Complete)	Orifices ±	
G5	SH5	Nozzles	Type	Orifice	Length	Code			
A			B						
CN2-	610121	610135	Ceramic	CN2-4	1/4"		605004	610116	1/8"
	610120	610136		CN2-5	5/16"		605005	610117	5/32"
	610166	610144		CN2-6	3/8"		605015	610109	3/16"
	610122	610137		CN2-7	7/16"		605006	610118	7/32"
TN2-	610123	610138	Tungsten	TN2-4	1/4"	1-1/4"	605007	610116	1/8"
	610124	610139		TN2-5	5/16"		605008	610117	5/32"
	610167	610145		TN2-6	3/8"		605018	610109	3/16"
	610125	610140		TN2-7	7/16"		605009	610118	7/32"
BN2-	610126	610141	Boron carbide	BN2-4	1/4"		605010	610116	1/8"
	610127	610142		BN2-5	5/16"		605011	610117	5/32"
	610168	610146		BN2-6	3/8"		605021	610109	3/16"
	610128	610143		BN2-7	7/16"		605012	610118	7/32"

* Pre-assembled sandblast gun includes all parts, plus a combination of B-C



INDUSTRIAL CABINET "M" SERIES SUCTION: EXPLODED VIEW & PARTS



1	603212	Gloves with nylon sleeves, 8" ID Ø x 30" long
2	603205	Gloves with leather sleeves
2	624128	8" Ø glove clamp
3	610120	G5 CN2-5 complete sand blast gun (see p. 9)
4	610288	Standard door handle
5	610275	Dust blow-off gun
6	606147	M.P. ¼" dust gun hose (sold per foot)
7	608022	½" pressure regulator
8	610270	Suction foot pedal
9	608604	Suction foot pedal valve
9	608010	Complete recycler (see p. 16)
10	606168	AR ¾" abrasive regulator
11	606169	Reclaimer hose 5" – 600 cfm
12	624121	Reclaimer hose 6" – 900 to 1800 cfm
13	624124	5" clamp
13	618126	6" clamp
14	618127	Grommet for air hose ½"
15	618133	Grommet for abrasive hose ½"
16	666211	Grommet for dust gun hose ¼"
17	606148	Pneumatic suction manifold
18	606104	Multi purpose ½" abrasive hose
18	606169	Air hose ½"
19	606171	6" – 600 cfm suction hose
20	606173	7" – 900 cfm suction hose
21	624124	8" – 1200 cfm – 1800 cfm suction hose
22	624127	6" clamp
23	624128	7" clamp
24	624129	8" clamp
25	611022	¼" pressure gauge
26	608011	AR ¾" clip
27	939143	Threaded polyethylen plug for AR ¾" regulator
28	632960	PI. adaptor ¾" FPT x ½"
29	616933	AGC fuse 1A-250 V
30	616907	Fuse holder
31	617014	ON/OFF switch
32	617161	24" light fixture c/w LED (after 2017)
33	617160	48" light fixture c/w LED (after 2017)
34	617150	24" neon light fixture 24" (before 2017)
A*	617151	24" neon fixture 48" (before 2017)
35	610212	23 ¾" x 18 ¾" laminated safety glass (cabinet less than 48")
36	610211	17" x 48" laminated safety glass (cabinet more than 48")
37	618318	Window seal ½" x ¼" G15 type (sold per foot)
38	613038	RPW 50 – 23 ¾" x 18 ¾" acetate glass protector
39	613035	RPW 1748 acetate glass protector (cabinet more than 48")
40	910223	Toggle stem
41	618322	Door rubber gasket type "P"
42	610453	28" x 44" expanded steel floor
43	610458	36" x 36" expanded steel floor
44	610459	36" x 48" expanded steel floor
45	610462	42" x 48" expanded steel floor
46	610463	48" x 48" expanded steel floor
47	610469	48" x 60" expanded steel floor
48	610465	60" x 60" expanded steel floor
49	600116	Security swich (OPTIONAL)

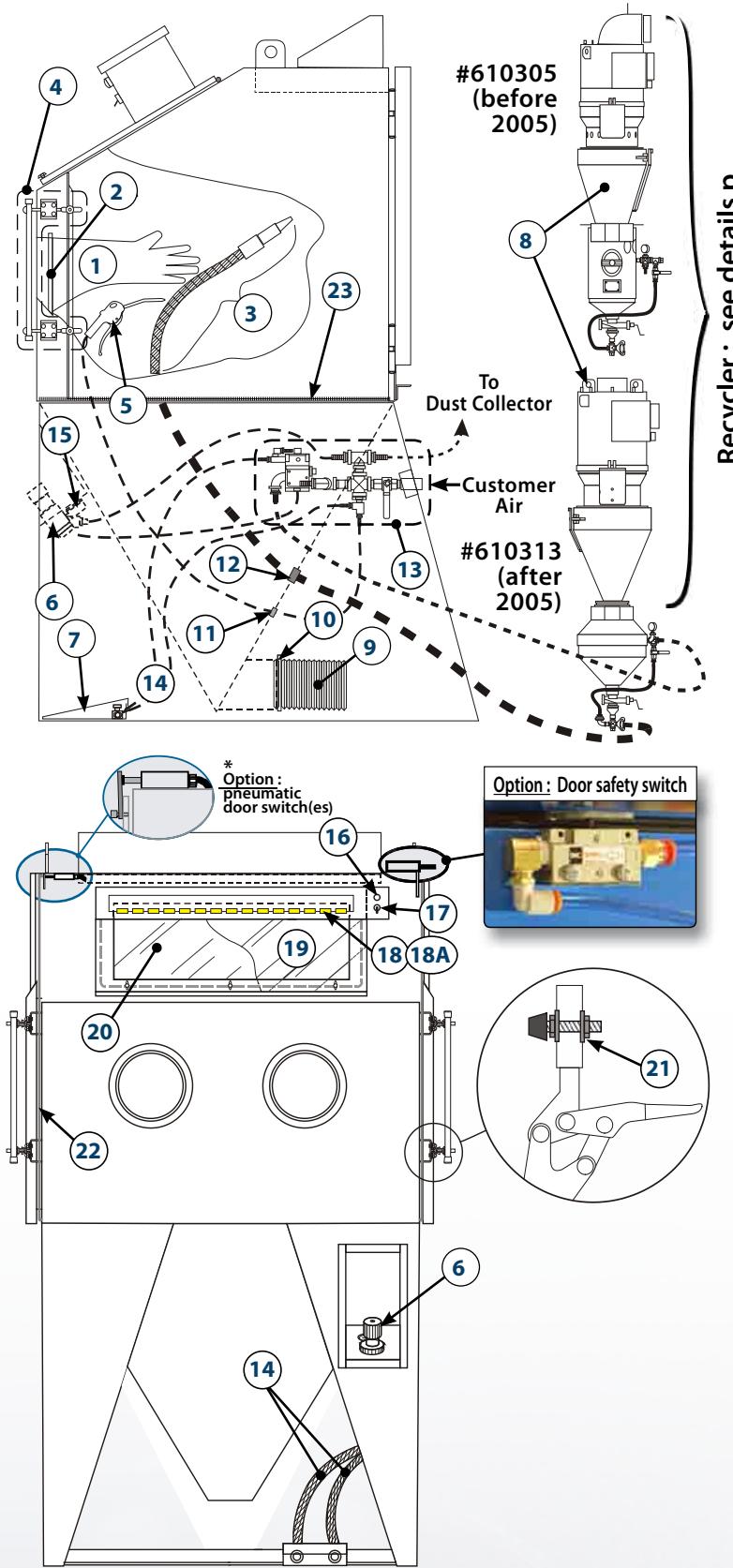
16 SUCTION MANIFOLD

1	630301	½" NPT nipple
2	632745	½" NPTx ¼" NPT reductor
3	632270	¼" NPT elbow
4	630328	M-F ¼" NPT elbow
5	632760	½" NPT adaptor
6	630390	½" NPT inlet ring
7	630341	½" NPT ball valve
8	630327	½" cross

* Refer to Upgrades list at page 58 for specific replacement parts for your equipment.



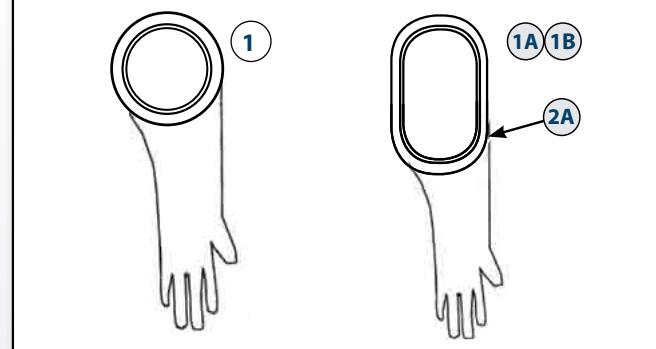
INDUSTRIAL CABINET "M" SERIES PRESSURE: EXPLODED VIEW & PARTS



1	603212	Gloves with nylon sleeves E3 8" I.D. x 30" length
1A	603205	Gloves with leather sleeves E3 8" I.D. x 30" length
1B	603217	Wide opening gloves nylon sleeves W1 10" I.D. x 30" length
2	624128	8" ø glove "T" clamp (standard)
2A	624137	10" ø glove "T" clamp (optional)
3		Hose, couplings and nozzles (see page 13)
4	610288	Standard door handle
5	610275	Dust blow-off gun
6	608022	½" pressure regulator
7	610315	Complete foot pedal-pressure
8	608606	Pressure valve 3 ways
		Complete recycler (see page 16)
9	606120	Reclaimer hose 5" - 600 cfm
	606123	Reclaimer hose 6½" - 900 to 1800 cfm
10	624121	5" clamp
	624124	6" clamp
11	618130	Rubber grommet for abrasive hose ½" SBH
12	618133	Rubber grommet for dust gun ¼"
13	666214	Pressure manifold (see page 13)
14	606104	Air hose ½"
15	611022	¼" pressure gauge
16	616933	AGC fuse 1A - 250 v
17	616907	Fuse holder
18*	617014	ON/OFF switch
	617161	24" light fixture c/w LED (after 2017)
	617160	48" light fixture c/w LED (after 2017)
18*	617150	24" neon light fixture 24" (before 2017)
A	617151	24" neon light fixture 48" (before 2017)
	610212	23¾" x 18¾" laminated safety glass (cabinet less than 48")
19*	610211	17" x 48" laminated safety glass (cabinet 48" and more)
	618318	Window seal type "G15" (sold by foot)
20	613038	RPW 50 - 23 ¾" x 18 ¾" acetate glass protector
	613035	RPW 1748 acetate glass protector (cabinet 48" and more)
21	910223	Toggle stem
22	618322	Door rubber gasket type "P"
	610453	28" x 44" expanded steel floor
	610458	36" x 36" expanded steel floor
	610459	36" x 48" expanded steel floor
23	610462	42" x 48" expanded steel floor
	610463	48" x 48" expanded steel floor
	610469	48" x 60" expanded steel floor
	610465	60" x 60" expanded steel floor

Standard :
Round opening gloves

Optional :
Wide opening gloves

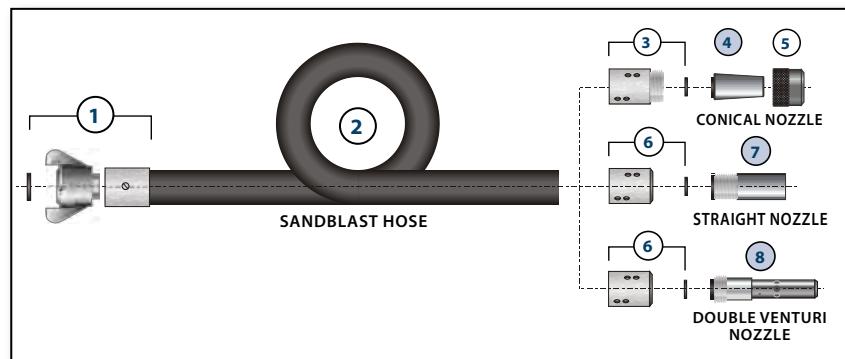


* Refer to Upgrades list at page 58 for specific replacement parts for your equipment.



SANDBLASTING CABINETS - HOSES, COUPLINGS & NOZZLES

HOSE, COUPLINGS & NOZZLES



1	607025	1/2" CQ Coupling
2	606020	1/2" SBH SANDBLAST HOSE
3	607059	NC3-N3 1/2" x 1" NPT
CONICAL NOZZLE		
5	607040	NA-1 Adaptor 1" NPT
6	NH 1/2" Nozzle Holder 1/2" & 3/4" NPS	
7	STRAIGHT THREADED NOZZLE 3/4" NPS	
8	DOUBLE VENTURI NOZZLE 1 1/4" NPS or 50mm	

BULK SANDBLAST HOSES (LENGTH OF 12.5', 25' & 50' ONLY)

PART NB.	MODEL	INSIDE DIAMETER	OUTSIDE DIAMETER
(2)	606020	1/2"	1 3/16"
	606003	3/4"	1 1/2"

HOSES FITTINGS

PART NB.	MODEL	SBH I.D.	SBH O.D.
(1)	607002	QC-1/2	1 3/16"
	607003	QC-3/4	1 1/2"

THREADED NOZZLE FITTINGS

MODEL	HOSE I.D.	THREAD		
		3/4" NPS	1 1/4" NPS	50 mm
(6)	NH-1/2	1/2"	607057	607056
	NH-3/4	3/4"	607020	N/A

HOSE AND FITTINGS PRE-ASSEMBLED KITS

SANDBLAST HOSES			FITTINGS		
MODEL	INSIDE DIAM. (ID)	HOSE LENGTH (FT)	QC-QC	QC-NH	QC-NC
SBH 1/2"	1/2"	10'	606016	N/A	606011
		25'	606018		606013
		50'	606019		606014
SBH 3/4"	3/4"	12 1/2'	606021	606022	N/A
		25'	606024	606023	
		50'	606025	606026	



SANDBLASTING CABINETS - HOSES, COUPLINGS & NOZZLES (CONT'D)

CONICAL NOZZLE

#	TYPE	PART No	MODEL	ORIFICE	LENGTH	THREAD
④	DC2-F - TUNGSTEN CARBIDE	605302	DC2-F2	1/8" Ø	1-5/8"	N/A
		605303	DC2-F3	3/16" Ø		
		605304	DC2-F4	1/4" Ø		
	BN2-F - BORON CARBIDE	605308	BN2-F2	1/8" Ø		
		605309	BN2-F3	3/16" Ø		
		605310	BN2-F4	1/4" Ø		

STRAIGHT THREADED NOZZLE

⑧	DC1 - TUNGSTEN CARBIDE	605358	DC1-2	1/8" Ø	1-3/4"	3/4" - 1/4" N.P.S.
		605359	DC1-3	3/16" Ø		
		605360	DC1-4	1/4" Ø		
		605361	DC1-5	5/16" Ø		
	BC1 - BORON CARBIDE	605414	BC1-2	1/8" Ø		1 1/4" N.P.S.
		605415	BC1-3	3/16" Ø		
		605416	BC1-4	1/4" Ø		
		605417	BC1-5	5/16" Ø		

DOUBLE VENTURI NOZZLE

⑨	DOUBLE VENTURI NOZZLE	405463	# 3	3/16" Ø	4 1/16"	50 mm
		405464	# 4	1/4" Ø	5 5/16"	
		405465	# 5	5/16" Ø	6 1/16"	
		405466	# 6	3/8" Ø	6 1/8"	
		405467	# 7	7/16" Ø	8 15/32"	
		405468	# 8	1/2" Ø	9 1/16"	

TUNGSTEN CARBIDE

Part Nb	Model	Orifice	Lenght	
605203	DCV-3	3/16" Ø	4 1/4"	
605204	DCV-4	1/4" Ø	5 1/4"	
605205	DCV-5	5/16" Ø	6"	
605206	DCV-6	3/8" Ø	6 3/4"	
605207	DCV-7	7/16" Ø	8"	
605208	DCV-8	1/2" Ø	9 1/4"	

Threaded nozzle 1 1/4" N.P.S., 1" Ø entry venturi orifice, use with NCV, all NH- except NH - 1/2"

Part Nb	Model	Orifice	Lenght	
605454	BCV-4	1/4" Ø	4 1/8"	
605455	BCV-5	5/16" Ø	4 1/8"	
605456	BCV-6	3/8" Ø	4 1/8"	

Threaded nozzle 1 1/4" N.P.S., 1" Ø entry venturi orifice, use with NCV, all NH- except NH- 1/2"

TUNGSTEN CARBIDE

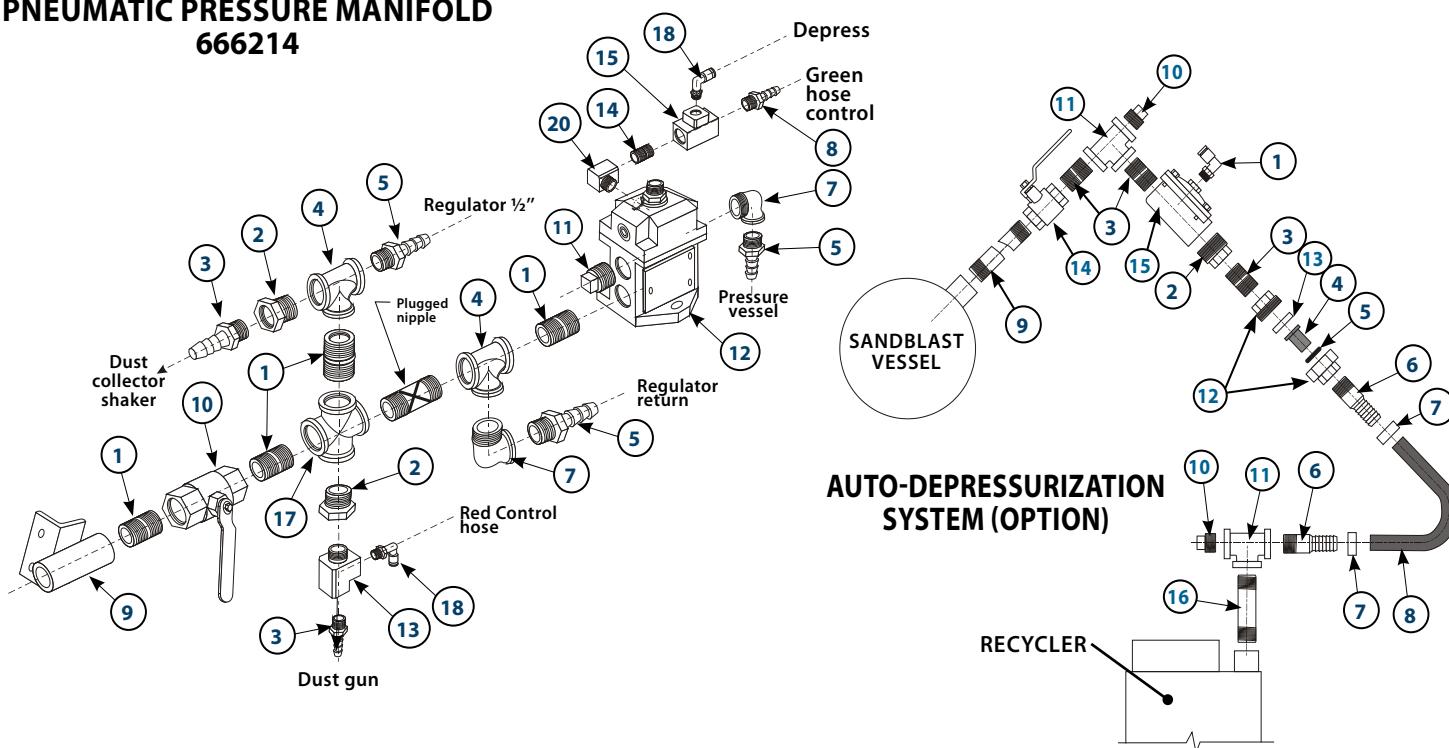
Part Nb	Model	Orifice	Lenght	
605313	DC3-3	3/16" Ø	3"	
605314	DC3-4	1/4" Ø	3"	
605315	DC3-5	5/16" Ø	3"	
605316	DC3-6	3/8" Ø	3"	

Threaded nozzle 1 1/4" – 14 N.P.S., straight orifice, use with NCV, all NH- except NH - 1/2"



INDUSTRIAL CABINET "M" SERIES PRESSURE : MANIFOLD & DEPRESSURIZING SYSTEM

PNEUMATIC PRESSURE MANIFOLD
666214



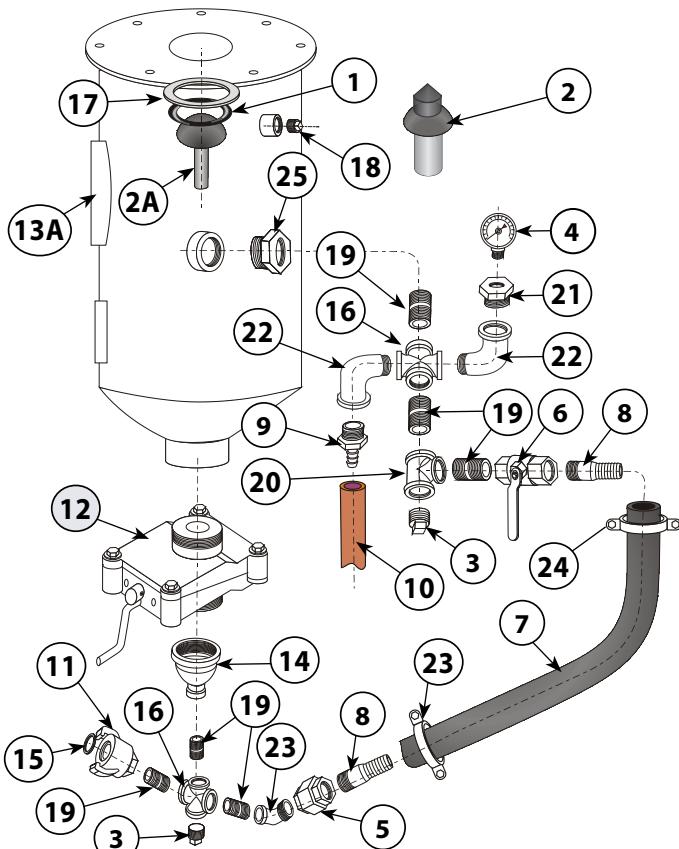
1	630301	Close nipple 1/2" NPT
2	632745	Bushing 1/2" NPT x 1/4" NPT
3	632270	Hose barb 1/4" NPT x 1/4" hose
4	630328	Tee M-F 1/4" NPT
5	632760	Hose barb 1/2" NPT x 1/2" hose
6	630317	Plug nipple 1/2" NPT x 2" lg
7	630341	Street elbow MF 1/2" NPT
8	632273	Hose barb 1/8" NPT x 1/4" hose
9	610390	Manifold inlet
10	608102	Ball Valve
11	630361	1/2" male plug
12	608519	Pilot Valve (see details p.48)
13	632226	Street Tee PL 1/4"
14	632002	1/8" hex. nipple
15	632018	Street Tee PL 1/8"
16	632281	Adaptateur PL 1/8"
17	630327	Cross fitting 1/2"
18	324561	Raccord push-in 90° 1/8" NPT 1/4" TU
20	632026	90° PL Elbow MF 1/8"

1	324560	Push-in coupling 90 1/4"
2	630860	1 1/4" x 1" bushing (incl. W. #15)
3	630624	1" ced. 80 PA nipple
4	605011	BN2-5 5/16 nozzle
5	618110	G5 O-Ring
6	630690	1" adaptor
7	607087	Hose Clamp double bolt 1 1/4"
8	606005	SBH 1" Sand blast hose (sold per ft.)
9	630605	1" x 7" lg. PA nipple
10	630671	1" male plug
11	630630	1" PA Tee
12	630680	1" PA union
13	610070	Spacer
14	608104	1" ball valve
15	608611	1" NPT depress. valve
16	608612	Diaphragm for 608611
16	630605	1" x 3" lg. PA nipple

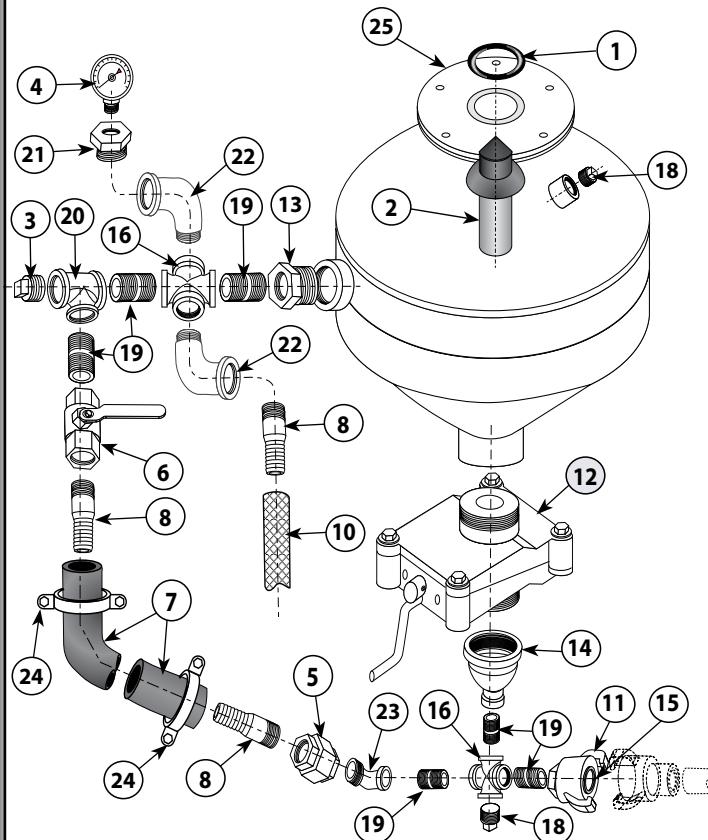


PRESSURE VESSELS M101P

BEFORE 2005 (610305)



AFTER 2005 (610313)



1	618205	O-Ring
2	610040	Plunger (After 05)
2A	610040A	Plunger (Bef. 05) Repl. by 610040
3	630361	1/2" MPT plug
4	611022	1/4" pressure gauge
5	630367	1/2" Union FPT
6	608102	1/2" ball valve
7	606001	1/2" SBH hose (sold by foot)
8	630372	1/2" galvanized adaptor
9	632771	1/2" brass swivel adaptor
10	606148	1/2" multipur. hose (sold by foot)
11	607077	CFA 1/2" tank coupling
12	608043	AR-7 Abrasive Regulator*
13	630651	PA Reducer 1" MPT x 1/2" FPT
13A	618209	Access door gasket

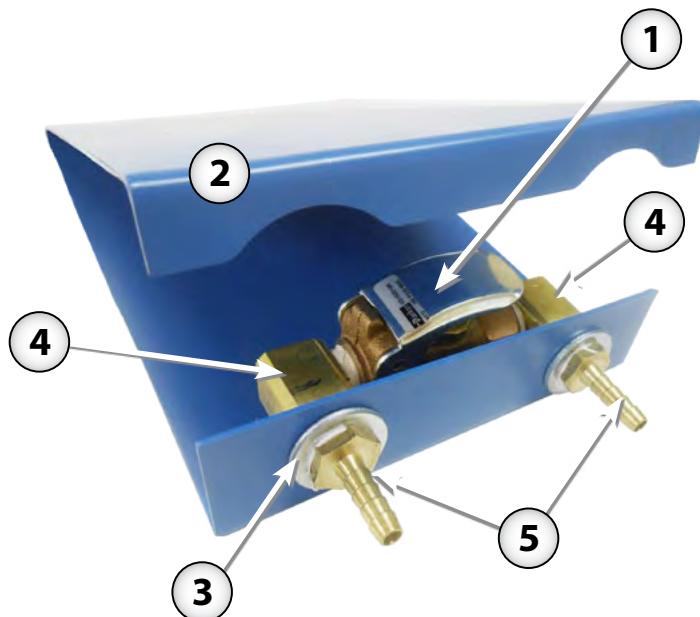
14	631163	Reducer PA 2" x 1/2"
15	618001	Rubber washer QCW-1
16	630327	1/2" cross
18	630361	Plug 1/2" MPT (before jan. 2001)
	630671	Plug 1" MPT (after janv. 2001)
19	630301	1/2" Nipple
20	630328	1/2" "T" fitting
21	630351	Hexagonal reducer 1/2" x 1/4"
22	630341	90° 1/2" MF brass elbow
23	630340	90° FF PA elbow
24	624205	"H" Clamp #5
25	609301	Recycler hopper flange
26	630651	PA Reducer 1" MPT x 1/2" FPT

*see details p.48



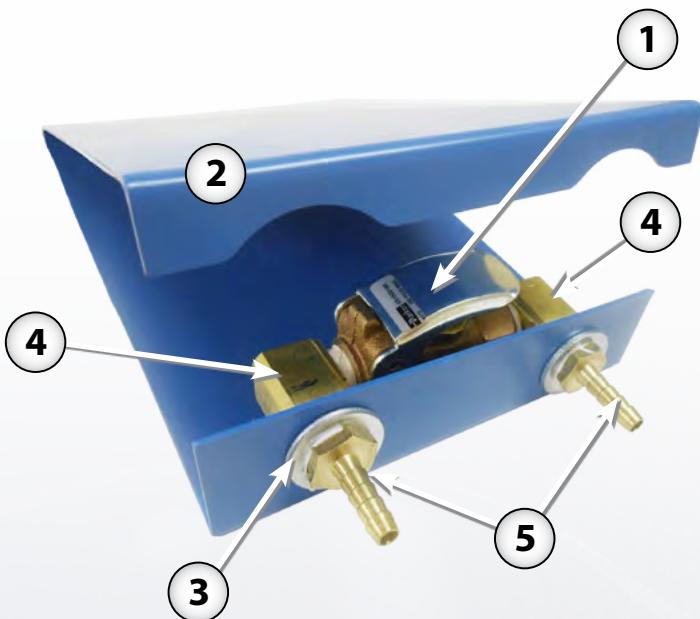
FOOT CONTROL PEDAL

A FOR ECONO, ECAB, M SUCTION SERIE



A	610270	Complete 2-way pneumatic pedal
1	608604	3/8" Two-way pedal valve
2	610268	Frame
3	610274	E3 Washer
4	632551	3/8" @ 90° MF PL Elbow
5	632761	3/8" MPT x 1/2" hose PL Adaptor

A FOR M PRESSURE SERIE



A	610315	Complete 3-way pneumatic pedal
1	608606	3/8" Three-way pedal valve
2	610268	Frame
3	610274	E3 Washer
4	632551	3/8" @ 90° MF PL Elbow
5	632591	3/8" MPT x 1/4" hose PL Adaptor



M SERIES - RECYCLER BY CYCLONIC SEPARATOR

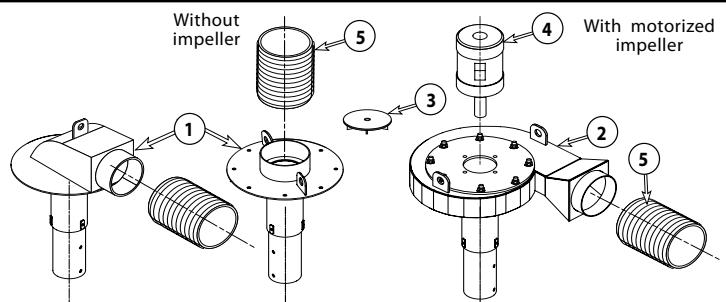
COMPLETE RECYCLER

Cabinet Type	Outlet Type	13"	16"	24"
Suction	Fan with motor	609188	609190	609192
	Case without impeller	609242	609244	609246
Pressure	Fan with motor	609189	609191	609193
	Case without impeller	609243	609245	609247



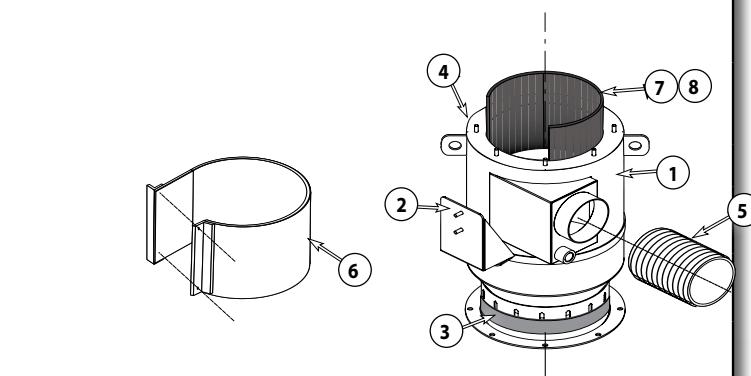
OUTLET CASE TO DUST COLLECTOR

#	Description	13"	16"	24"
1	Outlet Case	609212	609213	609214
2	Fan with motor	609202	609203	609204
3	Impeller	610526	610527	610528
4	Motor	1 hp 616313	2 hp 616324	3 hp 616332
5	Suction hose*	606169	606171	606173



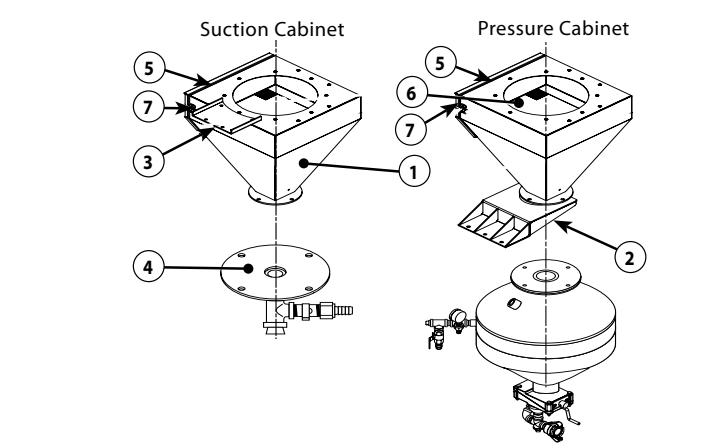
CYCLONIC SEPARATOR

#	Description	13"	16"	24"
1	Body	609230	609231	609232
2	Support	609180	609181	609182
3	Rubber Band	618334 (length : 41")		
4	Self-Adhesive Rubber*	618318		
5	Abrasive Conveyor Hose*	606120	606123	606124
6	Exterior Wear Pad Option	609283	609284	609285
7	Full internal reinforcement	609290	609291	609292
8	Partial internal reinforcement	609272	609273	609274



STORAGE HOPPER

#	Description	13"	16"	24"
1	Body	609286		
2	Support for Pressure	609197		S/O
3	Support for Suction	609178		609174
4	Adaptor for Suction	609287		
5	Self-adhesive foam*	618305		
6	Screening Grill	609903		
7	Door Latch	610269		



Items marked with «*» are sold by foot



International
Surface
Technologies
istsurface.com

ISTblast
BEYOND THE SURFACE

RECYCLERS

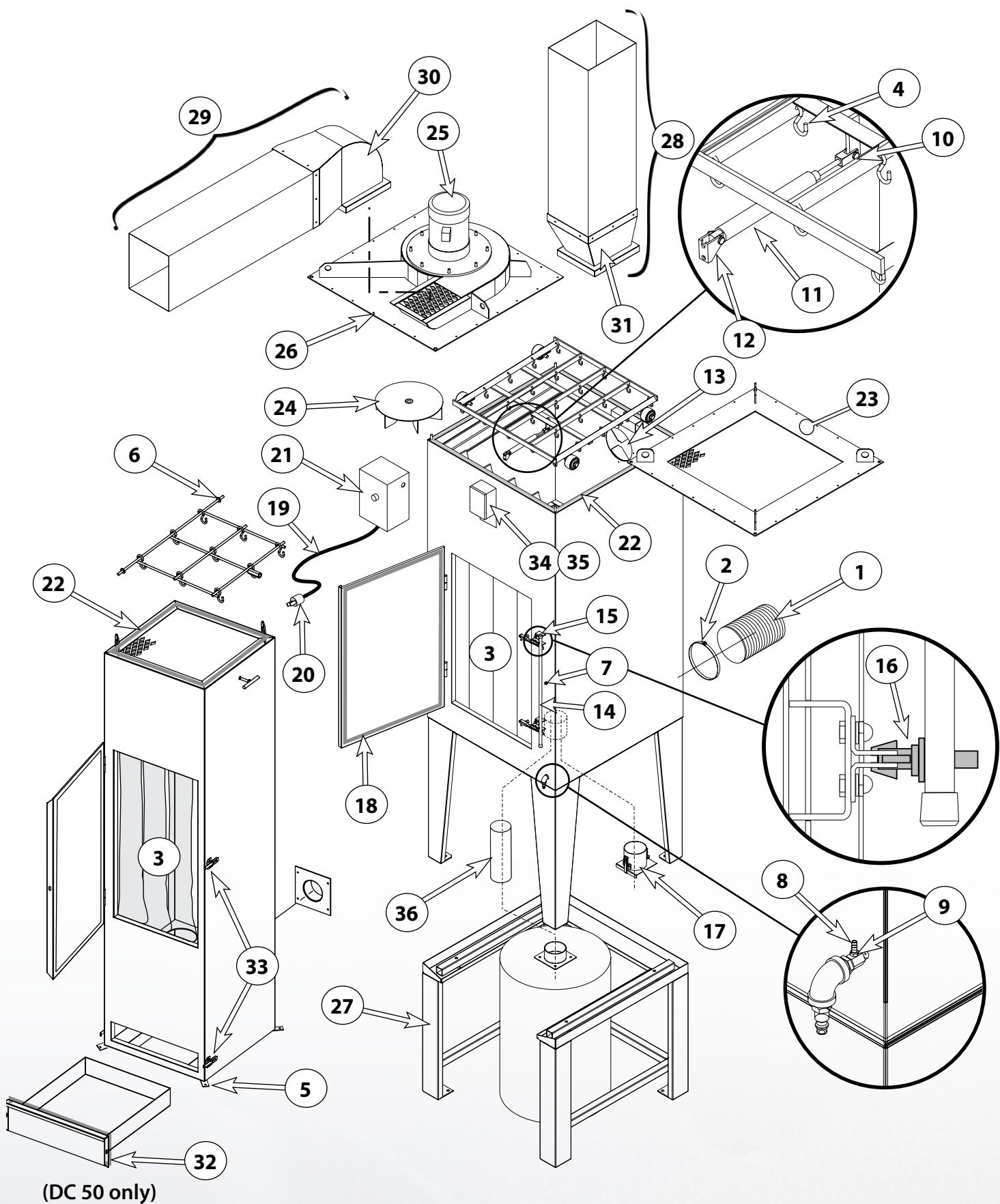
AND

DUST COLLECTORS





DUST COLLECTOR SERIE DC - DCM





DUST COLLECTOR / SPARE PARTS

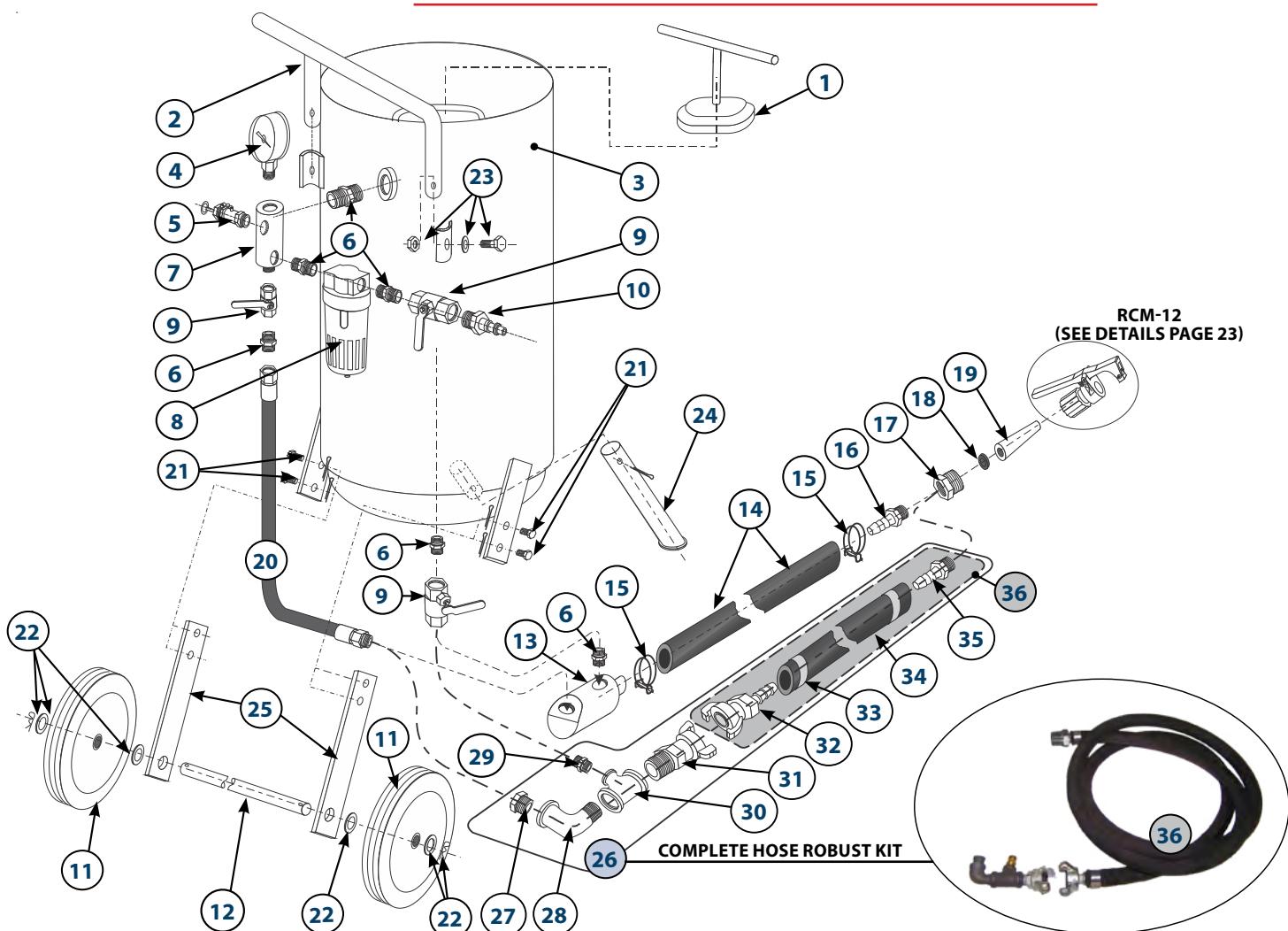
		MODELS		DC50 DC100 DC100 DC160 DC160 DC200 DC200 DC230 DC230 DC330 DC330 DC330				MODELS		DC50 DC100 DC100 DC160 DC160 DC200 DC200 DC230 DC230 DC330 DC330 DC330																	
#	Part Nb	DESCRIPTION		APPLICATION								#	Part Nb	DESCRIPTION		APPLICATION											
1	606167	Suction hose 4"(sold per foot)	X									24	601480	Plate							X	X					
	606168	Suction hose 5"(sold per foot)		X	X								610526	Impeller 1 hp			X										
	606169	Suction hose 6"(sold per foot)		X	X								610527	Impeller 2 hp			X	X									
	606171	Suction hose 7"(sold per foot)				X	X						610528	Impeller 3 hp				X	X								
	606173	Suction hose 8"(sold per foot)						X	X				610529	Impeller 5 hp								X					
	606177	Suction hose 10"(sold per foot)								X	X		616313	Motor 1 hp 120V STD - 600 Cfm		X											
2	624117	4" clamp	X									25	616324	Motor 2 hp 575V STD - 900 Cfm													
	624121	5" clamp'											616332	Motor 3 hp 575V STD - 1200 Cfm									X				
	624124	6" clamp		X	X								616340	Motor 5 hp 575V STD - 1800 Cfm										X			
	624127	7" clamp				X	X						601342	Motor plate (1 hp)			X										
	624128	8" clamp							X	X			601343	Motor plate (2 hp)				X									
	624137	10" clamp									X		601482	Motor plate (3 hp)					X								
3	601316	Dust bag DB-6	9	16	16	25	25	30	36	36		26	601483	Motor plate (5 hp)										X			
	601308	Dust bag DB-9									36 36		601486	Barrel option DC/DCM 100 - 15 gals		X	X										
4	601309	"S" hook	X	X	X	X	X	X	X	X	X	27	601487	Barrel option DC/DCM 160 - 30 gals				X	X								
5	612427	Level leg	X									28	601488	Barrel option DC/DCM 160 - 15 gals				X	X								
6	619006	DC50 wheel	X									29	601489	Barrel option DC/230 330 - 15 gals									X	X	X	X	
7	608508	Shaking button		X	X	X	X	X	X	X	X	30	601490	Barrel option DC/230 330 - 30 gals									X	X	X	X	
8	608408	Flow regulator		X	X	X	X	X	X	X	X	31	601492	Barrel option DC/DCM 160 - 45 gals			X	X									
9	608409	Adaptor		X	X	X	X	X	X	X	X	32	901449	Barrel option DC200 - 30 gals										X			
10	608406	Hinge Axle		X	X	X	X	X	X	X	X	33	601423	Vertical muffler 600 cfm				X									
11	608405	Actuation cylinder		X	X	X	X	X	X	X	X	34	601424	Vertical muffler 900 cfm					X								
12	608407	Hinge plate		X	X	X	X	X	X	X	X	35	601425	Vertical muffler 1200 cfm						X							
13	610280	Adjustable air trap	X	X	X	X	X		X	X	X	36	601426	Vertical muffler 1800 cfm											X		
14	610287	Door handle		X	X	X	X	X	X	X	X	37	601434	Horiz. muffler 6000 cfm				X									
15	610223	Toggle lock		X	X	X	X	X	X	X	X	38	601435	Horiz. muffler 900 cfm					X								
16	910223	Toggle stem		X	X	X	X	X	X	X	X	39	601436	Horiz. muffler 1200 cfm						X							
17	601378	"Z" Cleaning Trap		X	X	X	X	X	X	X	X	40	601437	Horiz. muffler .1800 cfm											X		
18	618306	Auto-adhesive foam (sold per foot)	X	X	X	X	X	X	X	X	X	41	601402	Horizontal muffler adaptor 600 cfm		X											
19	616575	Electric cable (sold per foot)			X	X	X		X			42	601403	Horizontal muffler adaptor 900 cfm					X								
20	616406	Electrical plug			X		X	X		X	X	43	601404	Horizontal muffler adaptor 1200 cfm									X				
21	617063	Electrical box					X	X		X	X	44	601405	Horizontal muffler adaptor 1800 cfm												X	
	617066	2 hp overload protector						X	X			45	601416	Vertical muffler adaptor 600 cfm				X									
	617068	3 hp overload protector							X	X		46	601417	Vertical muffler adaptor 900 cfm					X								
	617067	5 hp overload protector							X		X	47	601418	Vertical muffler adaptor 1200 cfm						X							
22	618318	Auto-adhesive rubber (sold per foot)	X	X	X	X	X	X	X	X	X	48	601419	Vertical muffler adaptor 1800 cfm												X	
23	601340	Plate		X								49	618305	Rubber foam 1/2" x 1"		X											
	601341	Plate			X							50	610269	Toggle stem		X											
												51	601429	120 V Automatic shaker			X										
												52	601427	600 V Automatic shaker					X			X	X	X	X	X	X
												53	609158	4" hose for barrel option		X	X	X	X	X	X	X	X	X	X	X	X



PORTABLE SANDBLASTERS



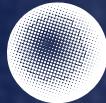
PPB-80PX PORTABLE SANDBLASTER (601100)



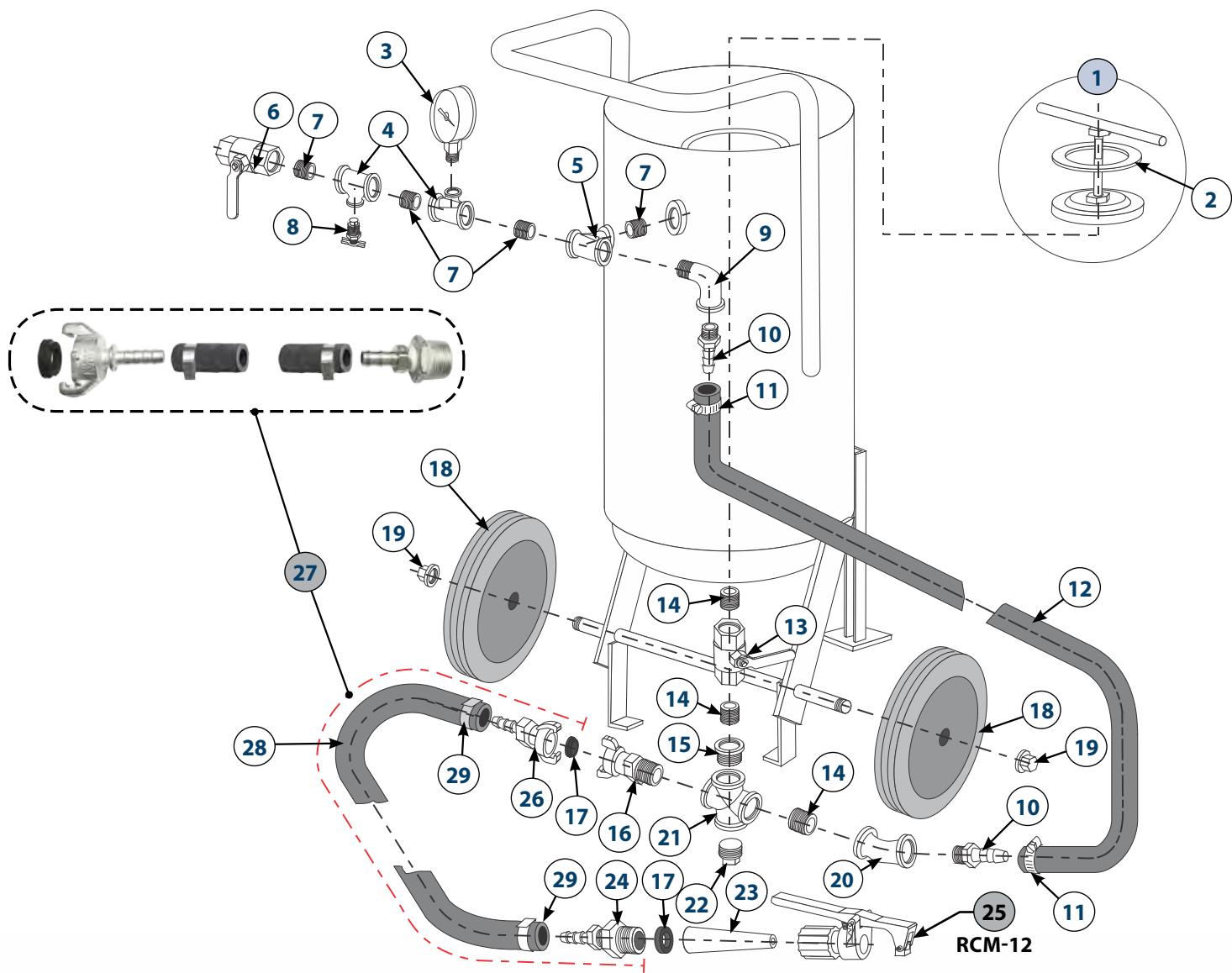
1	601110	Lift Plug
2	601118	Handlebar
3	601101	Tank
4	611022	Pressure Gauge
5	601124	Safety valve
6	632504	BP Hex. Nipple $\frac{3}{8}$ "
7	601120	Intake Manifold
8	601119	Water Trap Filter
9	608005	$\frac{3}{8}$ " Ball Valve
10	607222	Male Quick Connect $\frac{1}{4}$ " (Optional)
11	601121	Wheel
12	601117	Wheel Axle
13	601111	Standard Sand Outlet Pipe
14	601112	$\frac{3}{8}$ " Standard Sandblast Hose
15	601113	Clamp
16	601114	Intake Connector $\frac{3}{8}$ "
17	630401	Galvanized Bushing $1\frac{3}{8}$ "
18	618015	Washer NW-0

19	605031	Standard Ceramic Nozzle $\frac{1}{8}$ " (included)
20	601102	Air Hose 80PX (c/w Clamps & Fittings)
21	NPN	M8X10 Screw (x2) & Cotter Pin (1x) for Threaded Axle Foot
22	NPN	Flat Washer $\frac{1}{4}$ " (x2) & Cotter Pin (1x) for Each Wheel
23	NPN	M6 Bolt & Nut (1x) & Washer for Each Handle Side
24	601122	Front leg support 80PX
25	601123	Axle support 80PX

26	601116	Option: Complete Robust Hose Upgrade Kit (27 to 35)
27	630350	Fitting $\frac{1}{2}" \times \frac{3}{8}"$
28	630341	$\frac{1}{2}"$ Elbow Fitting
29	632504	BP Hex. Nipple $\frac{3}{8}$ "
30	630329	"T" Fitting $\frac{1}{2}" \times \frac{1}{2}" \times \frac{3}{8}"$
31	607070	TC $\frac{1}{2}"$ Tank Coupling
32	607002	QC $\frac{1}{2}"$ Coupling
33	624205	Clamp
34	606001	SBH $\frac{1}{2}"$ Sandblast Hose (sold by foot)
35	607050	NC $\frac{1}{2}"$ Coupling
36	606011	Complete Sandblast Hose Assembly (32 to 35)



PPB-100PX PORTABLE SANDBLASTER



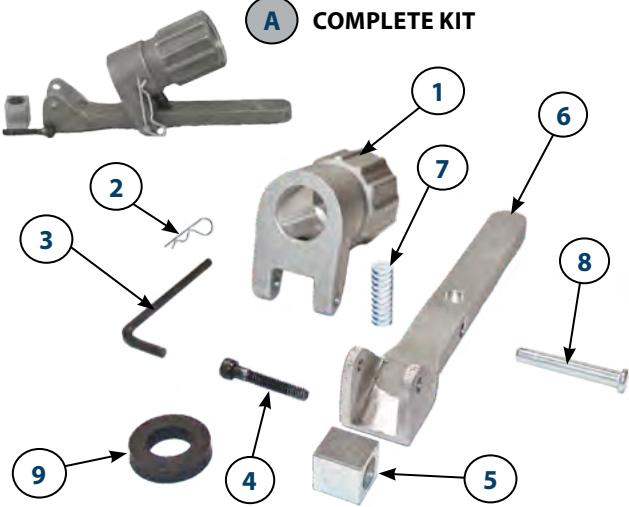
1	612103	Lift plug
2	618203	Gasket
3	611022	Pressure Gauge
4	630330	Fitting PN - "T" PA $\frac{1}{2}''$ x $\frac{1}{2}''$ x $\frac{1}{4}''$
5	630328	Fitting PN-"T" PA $\frac{1}{2}''$
6	608102	$\frac{1}{2}''$ ball valve
7	630301	Close nipple $\frac{1}{2}''$
8	608230	Exhaust drain
9	630341	Elbow PN 90° x $\frac{1}{2}''$
10	608011	Brass hose barb $\frac{1}{2}''$
11	624106	Clamp T-16
12	606082	Side hose/Clamp
13	608005	Abrasive regulator AR $\frac{3}{8}''$
14	630201	Close nipple PN $\frac{3}{8}''$
15	630350	Hex. bushing PN $\frac{3}{8}''$ x $\frac{1}{2}''$

16	607070	TC - $\frac{1}{2}''$ tank coupling
17	618000	Washer QCW-O
18	619002	Plastic wheel 8"
19	619070	Wheel hub cap
20	630346	Elbow PN 45° x $\frac{1}{2}''$
21	630327	Cross fitting $\frac{1}{2}''$
22	630361	$\frac{1}{2}''$ male plug
23	605031	Ceramic nozzle CN3-2 $\frac{1}{8}''$
24	607050	Nozzle coupling NC- $\frac{1}{2}''$
25	602007	Complete RCM-12 (see details page 23)
26	607002	Quick hose coupling QC - $\frac{1}{2}''$
27	606011	Complete 10' SBH - $\frac{1}{2}''$ with QC-NC fittings
28	606001	SBH- $\frac{1}{2}''$ bulk, per foot (min. order 10')
29	624205	Clamp



PPB 80 & 100PX: AVAILABLE PARTS

RCM-12 SANDBLAST GUN



A	602007	Complete RCM-12 Gun
1	602121	Body
2	602125	Pin RCM-12
3	602132	Allen Key
4	602127	Allen Screw
5	602126	Block
6	602123	Handle
7	602122	Spring
8	602124	Axle
9	618015	NW-0 Washer

NOZZLES

CERAMIC



Part Nb	Model	Orifice	Length	
605031	CN3-2	$1\frac{1}{8}$ " Ø	$3\frac{3}{4}$ "	Conical type nozzle, straight orifice. Use with fittings NC- ½", NA-1, NA-3 and RCM-12
605033	CN3-3	$3\frac{1}{16}$ " Ø	$3\frac{3}{4}$ "	
605034	CN3-4	$1\frac{1}{4}$ " Ø	$3\frac{3}{4}$ "	
605036	CN3-6	$3\frac{1}{8}$ " Ø	$3\frac{3}{4}$ "	



607044	NA	Adapter for conical ceramic nozzle type CN3-
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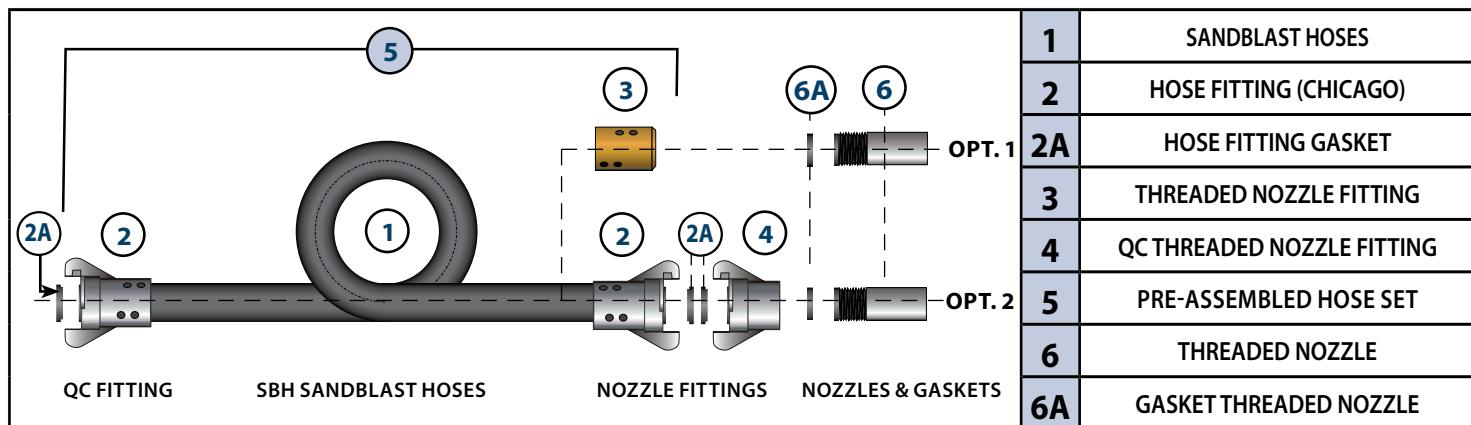
SANDBLAST HOODS



BH3	BH5	1	603033	BH3 Hood
1	3	2	613004	Shield BH3 6" x 5"
VISORS	DISCONTINUED	3	NPN	BH5 Hood (Discontinued)
2	4	4	613008	Shield BH5 5" x 10 ¼"



SANDBLASTER MODEL 346/646/1046: NOZZLES & HOSES



BULK SANDBLAST HOSES (LENGTH OF 12.5', 25' & 50' ONLY)

	MODEL	INSIDE DIAMETER	OUTSIDE DIAMETER
1	606004 SBHW-1 1/4" whip	1 1/4"	1 7/8"
	606005 SBH-1"	1"	1 3/32"
	606006 SBH-1 1/4"	1 1/4"	2 5/32"
	606007 SBH-1 1/2"	1 1/2"	2 3/8"
	606008 SBH-2"	2"	2 7/8"

HOSES FITTINGS

	Part Nb.	Model	SBH I.D.	SBH O.D.
2	607005		1"	1 31/32"
(CHICAGO)	607007	QC	1 1/4"	2 5/32"
	607009		1 1/2"	2 3/8"

FITTING GASKETS*

	Part Nb.	Model	Hose I.D.
2A	618000		1"
	618001	QCW	1 1/4"
	618003		1 1/2"

* The gasket is included with hose fittings.

OPTION 1: THREADED NOZZLE FITTINGS

	Thread			
	Model	Hose I.D.	1"-1/4 NPS	2"-4 1/2 UNC
3	NH-1	1"	607018	407020
	NH-1 1/4"	1 1/4"	607019	407021
	NH-1 1/2"	1 1/2"	607054	N/A

OPTION 2: QUICK CONNECT NOZZLE COUPLINGS

	Part Nb.	Model	Hose I.D.	Thread
4	607075	TC-1 1/4"	1 1/4"	1"-1/4 NPS
	907011	TC-1 1/2"	1 1/2"	

Nozzle couplings are primarily used by operators who need to regularly change nozzles, but this type of connection could cause wear on the hose and / or nozzle.



SANDBLASTER MODEL 346/646/1046: NOZZLES & HOSES (CONT'D)

5 HOSE AND FITTINGS PRE-ASSEMBLED KITS (INCLUDES 1, 2 AND 3)

Kits with two hose connections (QC-QC) to the end pieces can be used to make extensions. Assemblies that include a hose connector (QC) and a nozzle connector (NH) are those used to insert the nozzle.

The SBHW-1¼" Whip hose offers lightness and flexibility in use, but wears out faster because its wall is thinner than standard hoses. The Whip system is generally used at the "last length" blast hose in blast chambers and should be replaced more frequently.

① SANDBLASTING HOSE			② ③ FITTINGS	
Model	Inside Diam. (I.D.)	Hose length (feet)	QC-QC	QC-NH
SBH-1"	1"	12.5	606030	606029
		25	606036	606031
		50	606037	606032
SBH-1¼"	1¼"	50	606042	606040
SBH-1½"	1½"		606052	606050
SBHW-1¼"	1¼" Whip	12.5	606049	606053

6 THREADED NOZZLES SIMPLE VENTURI

Simple Venturi nozzles provide exceptional sanding performance. Their design is designed with a narrow entrance and a wide opening which considerably increases the velocity at the exit

DCV-TUNGSTEN CARBIDE*	Part #	Model	Orifice	Length	Thread
	605203	DCV-3	¾" Ø	4 ¼"	1¼" NPS
	605204	DCV-4	½" Ø	5 ¼"	
	605205	DCV-5	⅝" Ø	6"	
	605206	DCV-6	⅜" Ø	6 ¾"	
	605207	DCV-7	⅜" Ø	8"	
	605208	DCV-8	½" Ø	9 ¼"	

BCV4- BORE CARBIDE*	Part #	Model	Orifice	Length	Thread
	605453	BCV4-3	⅝" Ø	4 ⅛"	
	605454	BCV4-4	½" Ø		
	605455	BCV4-5	⅝" Ø		
	605456	BCV4-6	⅜" Ø		
	605457	BCV4-7	⅜" Ø		
	605458	BCV4-8	½" Ø		

⑥ GASKET	Part #	Model	Thickness
	618016	NW-1	¼"

* The gasket is included with the nozzles.

THREADED NOZZLES DOUBLE VENTURI

Double Venturi nozzles provide increased performance compared to the Single Venturi nozzle. The hole inside the nozzle allows atmospheric air to be introduced, which considerably increases the velocity while reducing the loss of velocity.

BORON CARBIDE*	Part #	Model	Orifice	Length	Thread
	405464	# 4	¼" Ø	5 ⁵/₁₆"	50 mm
	405465	# 5	⅝" Ø	6 ¹¹/₁₆"	
	405466	# 6	⅜" Ø	6 ¹/₈"	
	405467	# 7	⅜" Ø	8 ¹⁵/₃₂"	
	405468	# 8	½" Ø	9 ¹/₁₆"	

⑥ GASKET	Part #	Model	Thickness
	407025	NW3	¼"

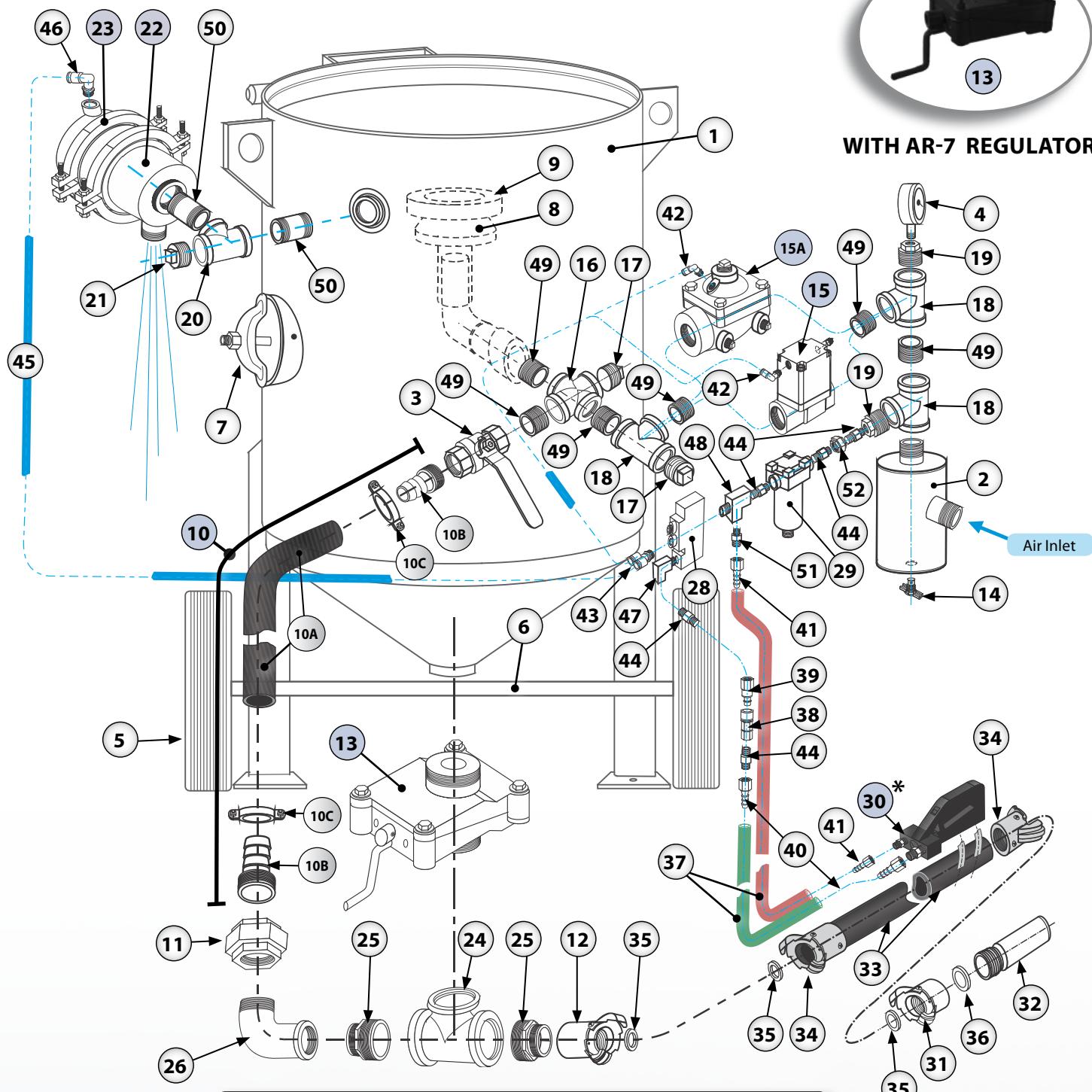
* Gasket sold separately.

SILICON CARBIDE	Part Nb	Model	Orifice	Length
DOUBLE VENTURI NOZZLE	905464	SCV-4	¼" Ø	6"
	905465	SCV-5	⅝" Ø	6 ¾"
	905466	SCV-6	⅜" Ø	8"
	905467	SCV-7	⅜" Ø	9 ¼"
	905468	SCV-8	½" Ø	9 ¼"

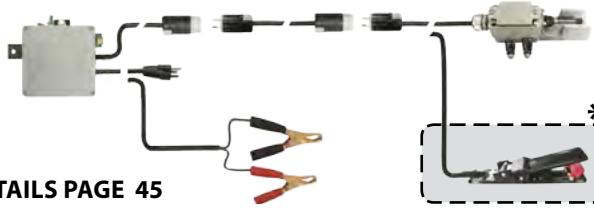
Threaded nozzle 1¼" N.P.S., 1" Ø entry venturi orifice, use with NCV, all NH- except NH- ½"



SANDBLASTER MODEL 340 - 640 TYPE RC66 / RC70 EXPLODED VIEW



Electric remote control option 12 V DC / 120 V



SEE DETAILS PAGE 45



SANDBLASTER MODEL 340 - 640 TYPE RC66 / RC70 PARTS LIST

MODEL 340

1	612200	Pressure vessel only
2	611052	1" moisture separator
3	608104	1" ball valve
4	611022	1/4" 1 / 4 " NPT gauge
5	619013	12"Wheel
6	619090	Wheel axle
7	610056	Access door kit
	618209	Access door gasket only
8	610041	5" Plunger
9	618201	"O" Ring
	612245	1" hose assembly
10	606005	1" hose only
	630690	1" NPT adaptor
	624208	"H" clamp
11	630680	1" NPT union
12	607075T	TC 1 1/4" coupling
13	608043	AR-7 abrasive regulator (see page 48)
14	608230	Drain valve
15	608309	1" pneumatic valve Version RC 70-80 (see page 48)
15A	608302	1" pneumatic valve Version RC 66-76 (see page 48)
16	630629	1" cross coupling
17	630671	1" Plug
18	630630	1" T coupling
19	630653	1"x 1/4" coupling
20	630840	T 1 1/4" T coupling
21	630884	1 1/4" Plug
22	608951	Depress valve (see page 48)
24	631135	T 2" T fitting
25	631152	2" to 1" reducer
26	630640	1"x 90° elbow
28	608534	Pilot valve
29	611035	Mini filter
30	608800	Pneumatic remote control handle
31	607075	1 1/4" TC Nozzle Adaptor
32	605204	Venturi nozzle DCV- 4- x 1/4"
	606005	1" sandblasting hose only (sold per foot) 25' min.
33	606036	1" sandblasting hose, 25' with QC-QC coupling
	606037	1" sandblasting hose, 50' with QC-QC coupling
34	607005	1" QC coupling
35	618001	QCW-1 QC coupling washer
36	618016	NW-1 nozzle washer
37	606191	30' dual hose with couplings
	606193	55' dual hose with couplings
38	607219	1/4" female quick coupling
39	607223	1/4" male quick coupling
40	632279	Green hose coupling 1/4"
41	632281	Red hose coupling 1/8"
43	324557	"Y" push-in coupling
44	632202	1/4" nipple
45	324571	Plastic tube
46	324561	Push-in 1/8" NPT x 1/4" coupling
47	632026	1/8" male/female elbow
48	632226	"T" male/female 1/4" coupling
49	630601	1" nipple
50	630801	1 1/4" nipple
51	632214	Male 1/4" x 1/8" NPT male coupling
52	631080	1/4" union

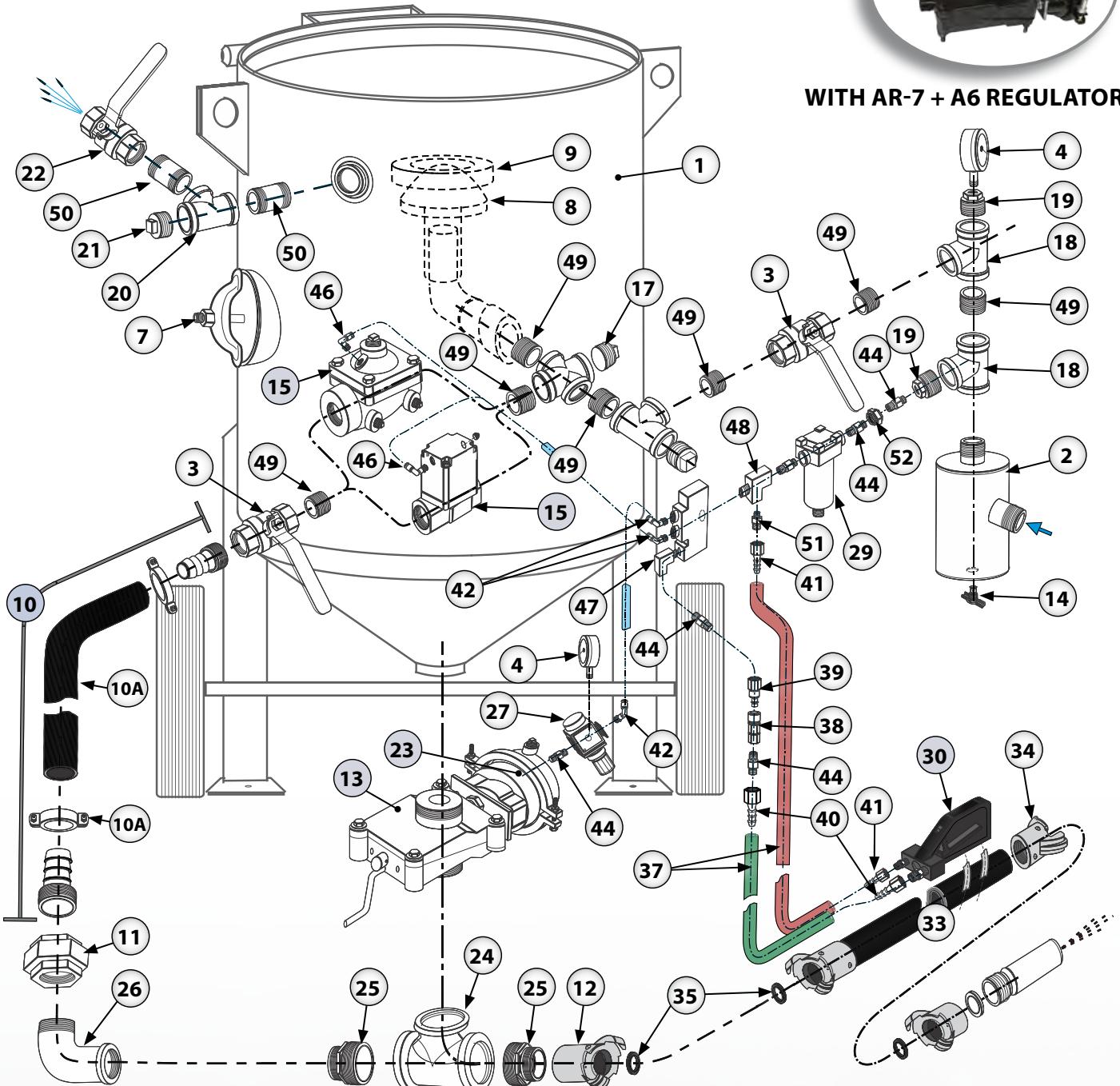
MODEL 640

1	612250	Pressure vessel only
2	611053	1 1/4" moisture separator
3	608105	1 1/4" ball valve
4	611022	1/4" NPT gauge
5	619015	16" Wheel
6	619091	Axle
7	610056	Access door kit
	618209	Access door gasket
8	610041	5" plunger
9	618201	"O" Ring
	612246	1 1/4" hose assembly
10	606006	1 1/4" hose only
	630885	1 1/4" NPT adaptor
	624210	"H" clamp
11	630890	1 1/4" NPT union
12	607075T	TC 1 1/4" coupling
13	608043	AR-7 abrasive regulator (see page 48)
14	608230	Drain valve
15	608307	1 1/4" pneumatic valve Version RC 70-80 (see p 48)
	608303	1 1/4" pneumatic valve Version RC 66-76 (see p 48)
16	630838	1 1/4" cross coupling
17	630884	1 1/4" plug
18	630840	1 1/4" "T" coupling
19	630864	1 1/4" x 1/4" coupling
20	630840	"T" 1 1/4" "T" coupling
21	630884	1 1/4" plug
22	608951	RC66/A6 depress complete kit (see page 48)
23	608482	A6 actuator (page 48)
24	631135	2" "T" fitting
25	631151	2" to 1 1/4" reducer
26	630850	1 1/4" - 90° elbow
28	608534	Pilot valve
29	611035	Mini filter
30	608800	Pneumatic remote control handle (see page 46)
31	607075	1 1/4" TC nozzle adaptor
32	605205	Venturi nozzle DCV5- x 5/16"
33	606006	1 1/4" sandblasting hose only (sold per foot) 50' min.
	606042	1 1/4" sandblasting hose, 50' with QC-QC coupling
34	607007	1 1/4" QC coupling
35	618001	QCW-1 coupling washer
36	618016	NW-1 nozzle washer
37	606193	55' dual hose with couplings
38	607219	1/4" female quick coupling
39	607223	1/4" male quick coupling
40	632279	1/4" green hose coupling
41	632281	1/8" red hose coupling
42	324560	Push-in 1/4" @ 90°
44	632202	1/4" Hex. nipple
45	324571	Plastic tube
46	324561	Push-in 1/8" NPT x 1/4" coupling
47	632026	1/8" 90° male/female elbow
48	632226	"T" male/female 1/4" coupling
49	630801	1 1/4" nipple
50		
51	632214	Male 1/4" x 1/8" NPT male coupling
52	632260	BP 1/4" union joint



SANDBLASTER MODEL 340 - 640 TYPE RC76 / RC80

EXPLODED VIEW



Electric remote control option 12 V DC / 120 V

See details page 46





SANDBLASTER MODEL 340 - 640 TYPE RC76 / RC80 PARTS LIST

Model 340

1	612200	Pressure vessel only
2	611052	1" moisture separator
3	608104	1" ball valve
4	611022	1/4" NPT gauge
5	619013	12" wheel
6	619090	Axle
7	610056	Access door kit
	618209	Access door gasket
8	610041	5" plunger
9	618201	"O" Ring
10	612245	1" hose assembly
	606005	1" hose only
	630690	1" NPT adaptor
	624208	"H" clamp
11	630680	1" NPT union
12	607075T	TC 1 1/4" coupling
13	608043	AR-7 abrasive regulator (page 48)
14	608230	Drain valve
15	608309	1" pneumatic valve Version RC 70-80 (page 48)
	608302	1" pneumatic valve Version RC 66-76 (page 48)
16	630629	1" cross coupling
17	630671	1" plug
18	630630	1" "T" coupling
19	630653	1" x 1/4" coupling
20	630840	"T" 1 1/4" "T" coupling
21	630884	1 1/4" plug
22	608105	1 1/4" ball valve
23	608482	Actuator A6 (page 48)
24	631135	"T" 2" "T" fitting
25	631152	2" to 1" reducer
26	630640	1" x 90° elbow
27	608015	Mini air regulator
28	608534	Pilot valve
29	611035	Mini filter
30	608800	Pneumatic remote control handle (page 46)
31	607075	1 1/4" TC nozzle adaptor
32	605204	Venturi nozzle DCV-4- x 1/4"
33	606005	1" sandblasting hose only (sold per foot) 25' min.
	606036	1" sandblasting hose, 25' with QC-QC coupling
	606037	1" sandblasting hose, 50' with QC-QC coupling
34	607005	1" QC coupling
35	618001	QCW-1 QC coupling washer
36	618016	NW-1 nozzle washer
37	606191	30' dual hose with couplings
	606193	55' dual hose with couplings
38	607219	1/4" female quick coupling
39	607223	1/4" FPT male quick coupling
40	632279	1/4" green hose coupling
41	632281	1/8" red hose coupling
42	324560	Push-in 1/4" x 90°
44	632202	1/4" nipple
45	324571	Plastic tube
46	324561	Push-in 1/8" NPT x 1/4" coupling
47	632026	1/8" male/female elbow
48	632226	"T" male/female 1/4" coupling
49	630601	1" nipple
50	630801	1 1/4" nipple
51	632214	Male 1/4" x 1/8" NPT male coupling

Model 640

1	612250	Pressure vessel only
2	611053	1 1/4" moisture separator
3	608105	1 1/4" ball valve
4	611022	1/4" NPT gauge
5	619015	16" wheel
6	619091	Axle
7	610056	Access door kit
	618209	Access door gasket
8	610041	5" plunger
9	618201	"O" Ring
10	612246	1 1/4" hose assembly
	606006	1 1/4" hose only
	630885	1 1/4" NPT adaptor
	624210	"H" clamp
11	630890	1 1/4" NPT union
12	607075T	TC 1 1/4" coupling
13	608043	AR-7 abrasive regulator (page 48)
14	608230	Drain valve
15	608307	1 1/4" pneumatic valve Version RC 70-80 (page 48)
	608303	1 1/4" pneumatic valve Version RC 66-76 (page 48)
16	630838	1 1/4" cross coupling
17	630884	1 1/4" plug
18	630840	1 1/4" "T" coupling
19	630864	1 1/4" x 1/4" coupling
20	630840	"T" 1 1/4" coupling
21	630884	1 1/4" plug
22	608105	1 1/4" ball valve
23	608482	A6 actuator (page 48)
24	631135	2" T fitting
25	631151	2" to 1 1/4" reducer
26	630850	1 1/4" @ 90° elbow
27	608015	Mini air regulator
28	608534	Pilot valve
29	611035	Mini filter
30	608800	Pneumatic remote control handle (page 46)
31	607075	TC 1 1/4" nozzle adaptor
32	605205	Venturi nozzle DCV-5- x 5/16"
33	606006	1 1/4" sandblasting hose only (sold per foot) 50' min.
	606042	1 1/4" sandblasting hose, 50' with QC-QC coupling
34	607007	1 1/4" QC coupling
35	618001	QCW-1 QC coupling washer
36	618016	NW-1 nozzle washer
37	606193	55' dual hose with couplings
38	607219	1/4" female quick coupling
39	607223	1/4" male quick coupling
40	632279	1/4" green hose coupling
41	632281	1/8" red hose coupling
42	324560	Push-in 1/4" @ 90°
44	632202	1/4" nipple
45	324571	Plastic tube
46	324561	Push-in 1/8" NPT x 1/4" coupling
47	632026	1/8" male/female elbow
48	632226	"T" male/female 1/4" coupling
49	630801	1 1/4" nipple
50	632214	Male 1/4" x 1/8" NPT male coupling
52	632260	BP 1/4" union joint

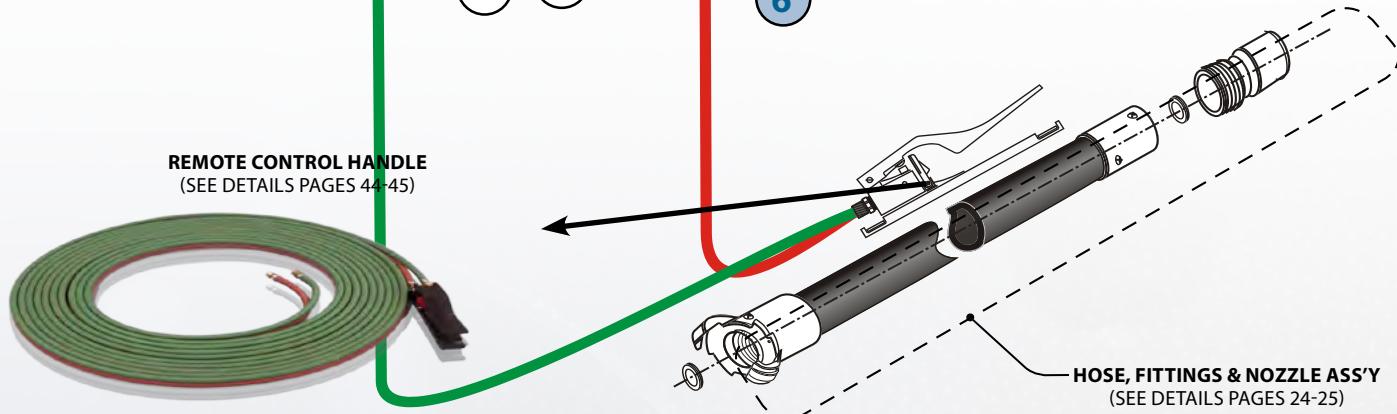
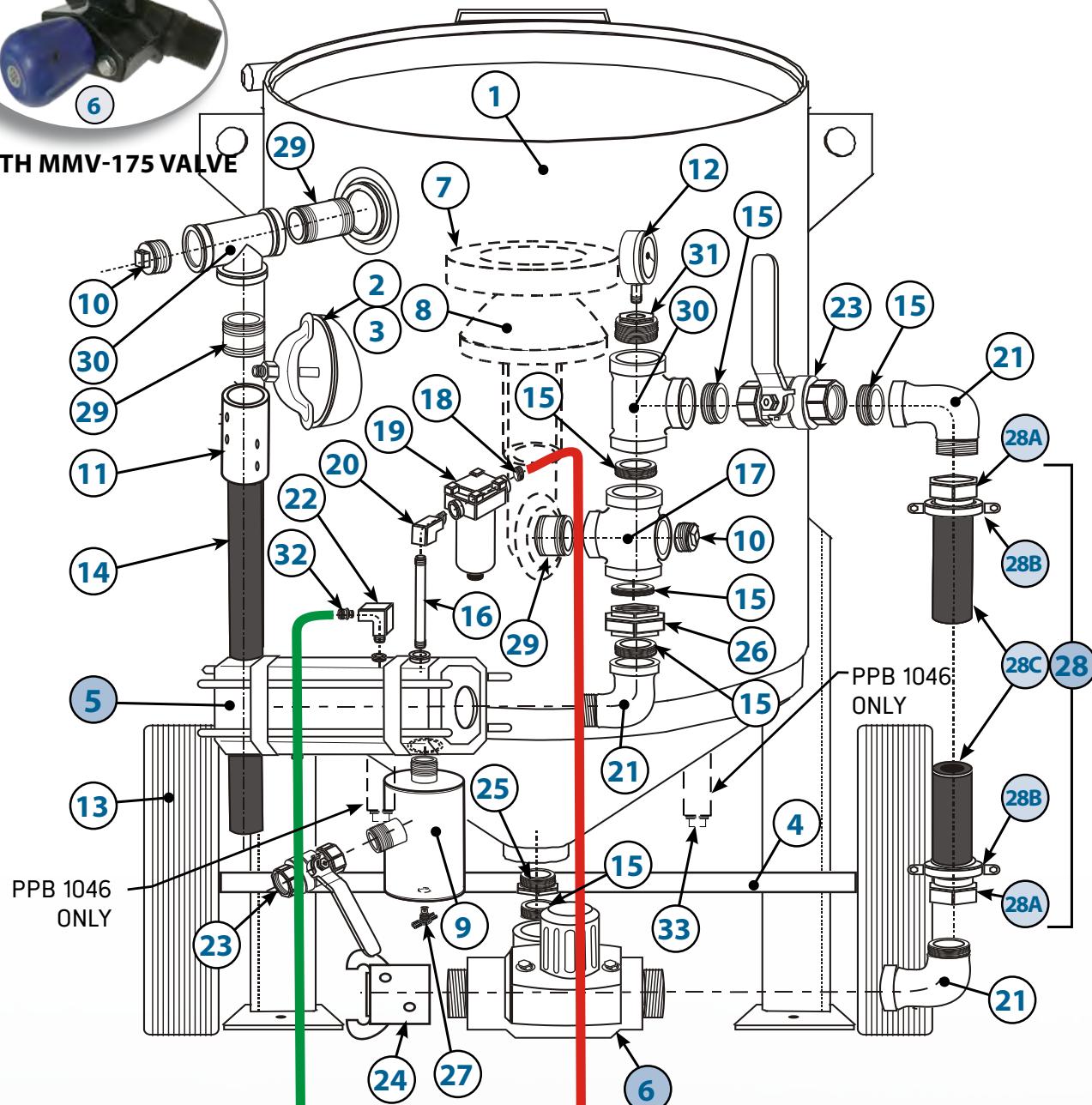


SANDBLASTERS PPB-346/646/1046 : RC-176 PRESSURE RELEASE SYSTEM

EXPLODED VIEW



WITH MMV-175 VALVE





SANDBLASTERS PPB-346/646/1046 : RC-176 PRESSURE RELEASE SYSTEM

PARTS LIST

#	STOCK	DESCRIPTION	#	STOCK	DESCRIPTION
1	713000	PRESSURE VESSEL ONLY (346)	15	630801	1¼" NIPPLE CLOSE
	723000	PRESSURE VESSEL ONLY (646)	16	630111	NIPPLE 6" X ¼"
	733000	PRESSURE VESSEL ONLY (1046)	17	630838	CROSS 1¼"
2	610056	ACCESS DOOR KIT (OLDER VERSION)	18	632214	HEX NIPPLE ¼" X 1/8"
	740102	ACCESS DOOR KIT (LG SERIE)	19	611035	AIR LINE FILTER
3	618241	ACCESS DOOR GASKET (OLDER VERSION)	20	632232	¼" BRASS STREET ELBOW
	740101	ACCESS DOOR GASKET (LG SERIE)	21	630851	1¼" X 90° ELBOW MF
4	740001	AXLE (MODEL 346)	22	632026	1/8" BRASS STREET ELBOW
	740002	AXLE (MODEL 646-1046)	23	608105	1¼" BALL VALVE
5	608821	COMBO VALVE AV-176 ¹	24	607075T	TANK COUPLING 1¼" NYLON
6	770070	MMV-175 METERING VALVE ²	25	631151	2" X 1¼" REDUCER
7	740004	"O" RING (OLDER VERSION)	26	630890	UNION PA 1¼"
	740100	"O" RING (LG SERIE)	27	608230	DRAIN COCK VALVE
	740104	"O" RING FOR 10 pi ³ (LG SERIE)	28	770100	PUSH LINE HOSE ASS'Y (28A-B-C)
8	740007	5" PLUNGER (OLDER VERSION)	28A	607088	HOSE INSERT SWIVEL 1¼"
	610044	5" PLUNGER (LG SERIE)	28B	607087	DOUBLE BOLT CLAMP
9	611053	1¼" MOISTURE SEPARATOR	28C	770101	PUSH LINE HOSE 30" X 1¼"
10	630884	1¼" PLUG	29	630805	NIPPLE 3" X 1¼"
11	607051	NH-¾" ALUM. NOZZLE HOLDER	30	630840	"T" 1¼" X 1¼"
12	611022	¼" NTP GAUGE	31	630864	1¼" X ¼" COUPLING
13	740006	WHEEL	32	632214	REDUCER NIPPLE ¼" X 1/8"
14	606003	HOSE ¾" SBH	33	NPN	1¼" PLUG (PPB 1046 ONLY)

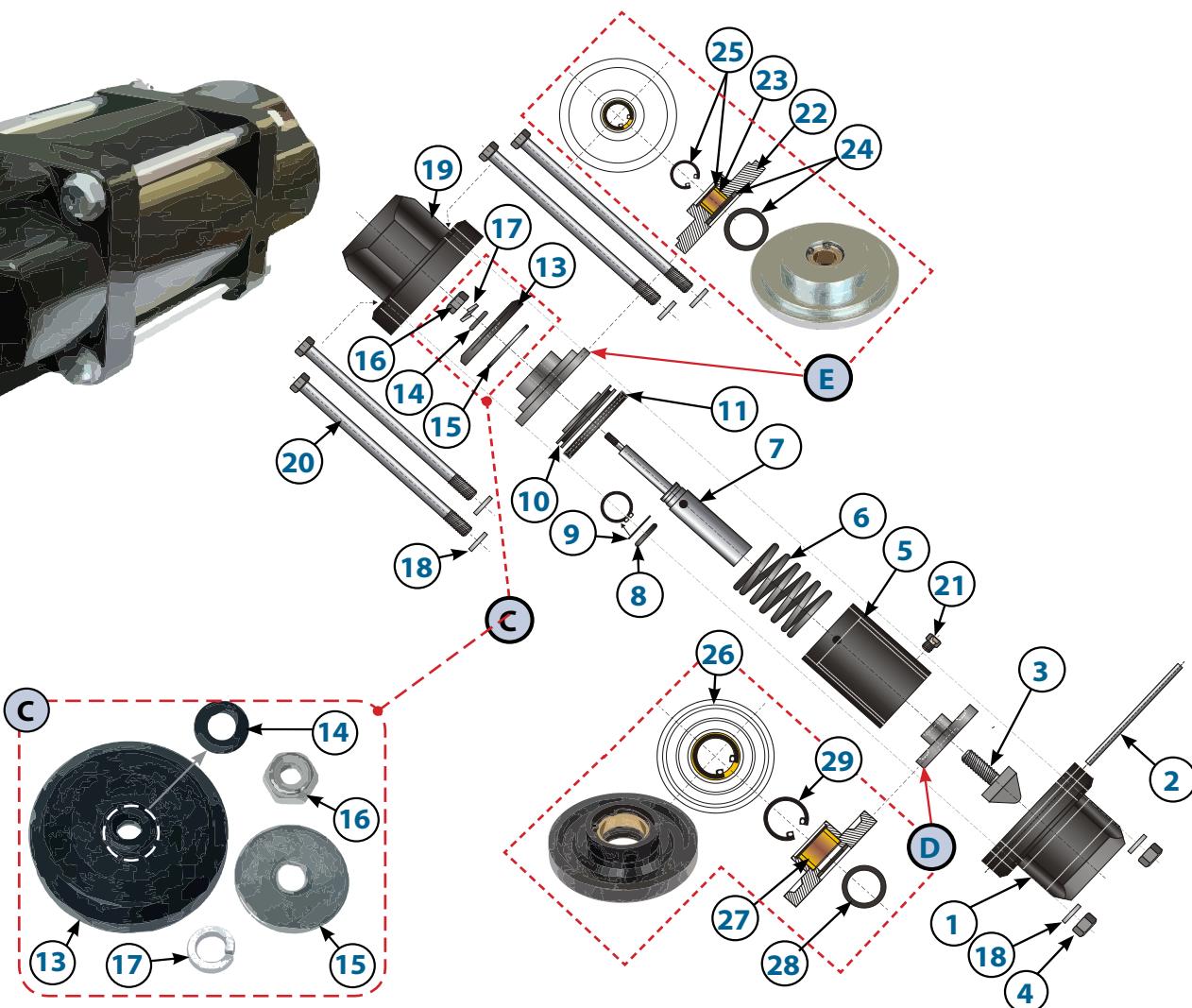
¹See parts details on page 34

²See parts details on page 35



SANDBLASTERS PPB-346/646/1046 : RC-176 PRESSURE RELEASE SYSTEM

AV-176 COMBINED VALVE



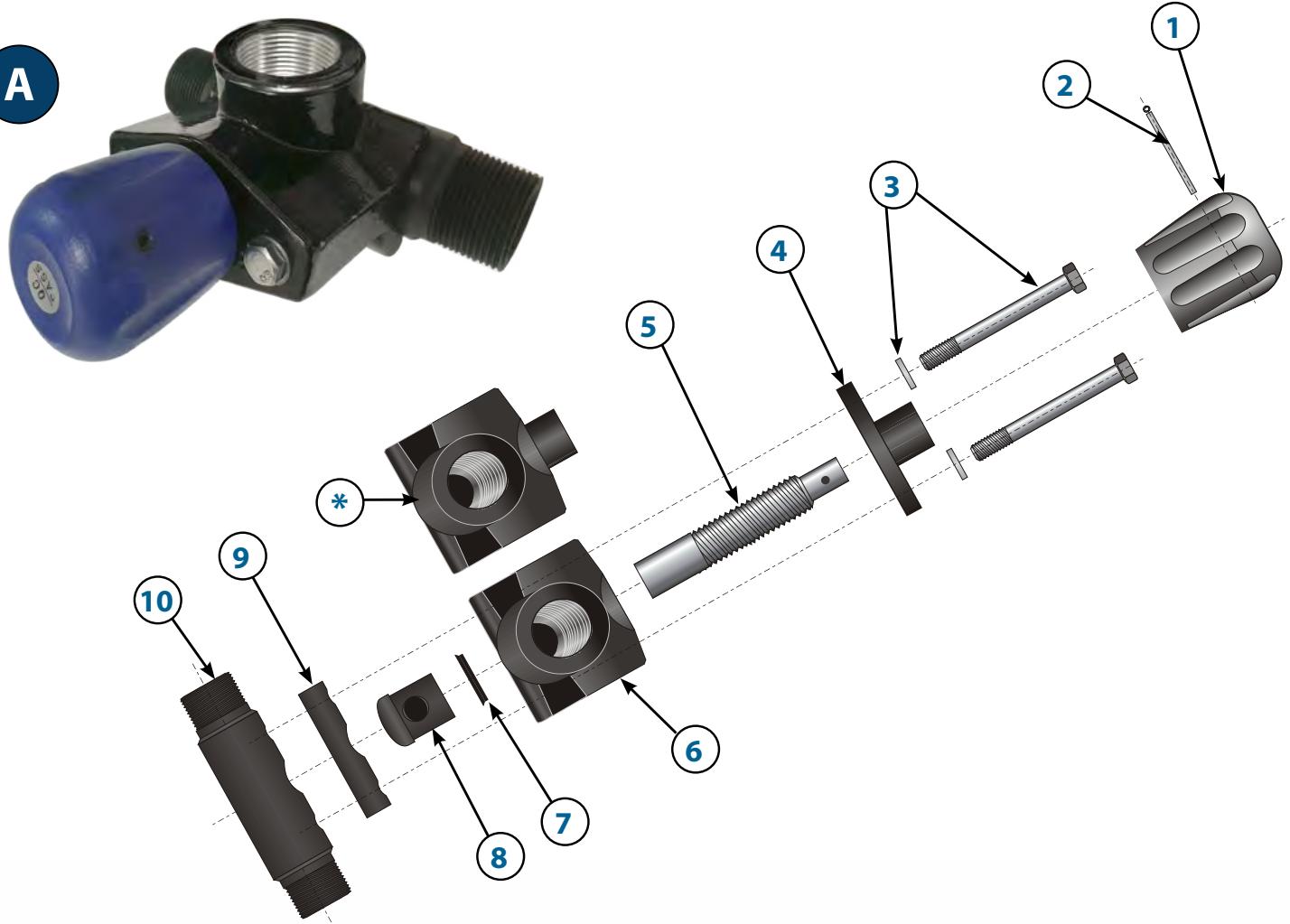
#	CODE	DESCRIPTION
A	608821	AV-176 COMPLETE VALVE ASS'Y
B	770182	GASKET KIT (8, 9, 11, 12, 13, 14, 16, 17, 24, 28, 29)
C	770183	CAP KIT (13, 14, 15, 16, 17)
D	770184	UPPER ROD ASS'Y (26, 27, 28, 29)
E	770185	LOWER ROD ASS'Y (22, 23, 24, 25)
1	770181	CAP
2	770191	ROD
3	770186	PINCH RAM
4	770199	NUT
5	770192	CYLINDER
6	770187	SPRING
7	770188	SHAFT
8	N/D	O-RING
9	N/D	CIRCLIP
10	770189	PISTON
11	770190	PISTON SEAL
12	N/D	VALVE CAP

#	CODE	DESCRIPTION
13	N/D	BASE
14	N/D	O-RING
15	N/D	FLAT WASHER
16	N/D	LOCKNUT
17	N/D	LOCK WASHER
18	770198	FLAT WASHER
19	770196	BASE
20	770197	HEX HEAD BOLT
21	770208	EXHAUST FILTER
22	770223	LOWER ROD GUIDE
23	770224	LOWER ROD GUIDE BUSH
24	770225	LOWER ROD SEAL
25	770226	CIRCLIP
26	770219	UPPER ROD GUIDE
27	770220	UPPER ROD GUIDE BUSH
28	N/D	UPPER ROD SEAL
29	N/D	CIRCLIP



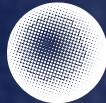
SANDBLASTERS PPB-346/646/1046 : RC-176 PRESSURE RELEASE SYSTEM MMV-175 ABRASIVE METERING VALVE

A



#	STOCK	DESCRIPTION	#	STOCK	DESCRIPTION
A 770070 MMV-175 COMPLETE ABRASIVE METERING VALVE ASSEMBLY					
1	770069	KNOB	6	770076	BODY
2	770079	ROLL PIN	7	770072	SEAL
3	770078	BOLT C/W WASHER	8	770074	URETHANE SLEEVE
4	770077	CAP	9	770075	GASKET
5	770073	PLUNGER	10	770071	PIPE NIPPLE 1 1/4" X 1 1/4" MALE

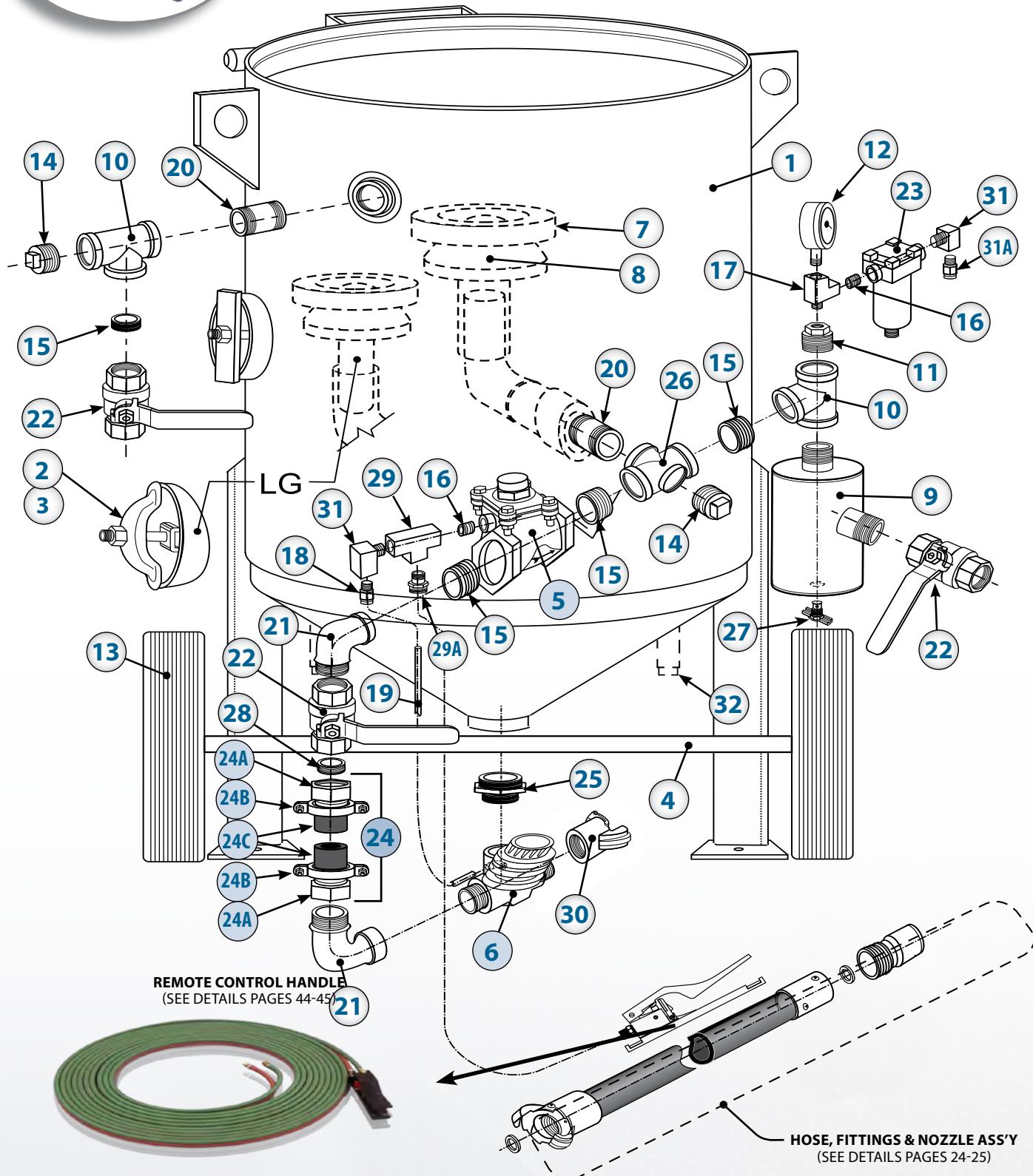
* With this kind of body, the part #4 is not required



SANDBLASTERS PPB-346/646/1046 : RC-186 PRESSURE HOLD SYSTEM EXPLODED VIEW

6

WITH PMV-186 VALVE





SANDBLASTERS PPB-346/646/1046 : RC-186 PRESSURE HOLD SYSTEM

PARTS LIST

#	STOCK	DESCRIPTION	#	STOCK	DESCRIPTION
1	713000	PRESSURE VESSEL ONLY (346)	16	632202	NIPPLE 1/4"
	723000	PRESSURE VESSEL ONLY (646/1046)	17	632226	STREET "T" 1/4"
2	610056	ACCESS DOOR KIT (OLDER VERSION)	18	324570	PUSH IN FITTING 1/8"
	740102	ACCESS DOOR KIT (LG SERIE)	19	324571	BLUE TUBING AIR LINE
3	618241	ACCESS DOOR GASKET (OLDER VERSION)	20	630805	NIPPLE 3" X 1 1/4"
	740101	ACCESS DOOR GASKET (LG SERIE)	21	630851	1 1/4" X 90° ELBOW MF
4	740001	AXLE (MODEL 346)	22	608105	1 1/4" BALL VALVE
	740002	AXLE (MODEL 646/1046)	23	611035	AIR LINE FILTER
5	608822	AIR VALVE AV-186 ¹	24	770100	PUSH LINE ASSEMBLY (24A-B-C)
6	608847	PMV-186 METERING VALVE ²	24A	607088	HOSE INSERT SWIVEL 1 1/4"
7	740004	"O" RING (OLDER VERSION)	24B	607087	DOUBLE BOLT CLAMP
	740100	"O" RING (LG SERIE)	24C	770101	PUSH LINE HOSE 30" X 1 1/4"
	740104	"O" RING FOR 10 pi ³ (LG SERIE)	25	770180	2" X 1 1/4" REDUCER BST
8	740007	5" PLUNGER (OLDER VERSION)	26	630838	1 1/4" COUPLING CROSS
	610044	5" PLUNGER (LG SERIE)	27	608230	DRAIN COCK VALVE
9	611053	1 1/4" MOISTURE SEPARATOR	28	630805	1 1/4" x 3" PA NIPPLE
10	630840	1 1/4" "T" COUPLING	29	632018	"T" 1/8"
11	630864	1 1/4" x 1/4" COUPLIN	29A	632214	NIPPLE REDUCT. 1/4" x 1/8"
12	611022	1/4" NTP GAUGE	30	607075T	TANK COUPLING 1 1/4" NCV
13	740006	WHEEL	31	632214	REDUCER NIPPLE 1/4" X 1/8"
14	630884	1 1/4" PLUG	31A	632002	PL 1/8" HEX. NIPPLE
15	630801	1 1/4" NIPPLE CLOSE	32	NPN	1 1/4" SQUARE PLUG

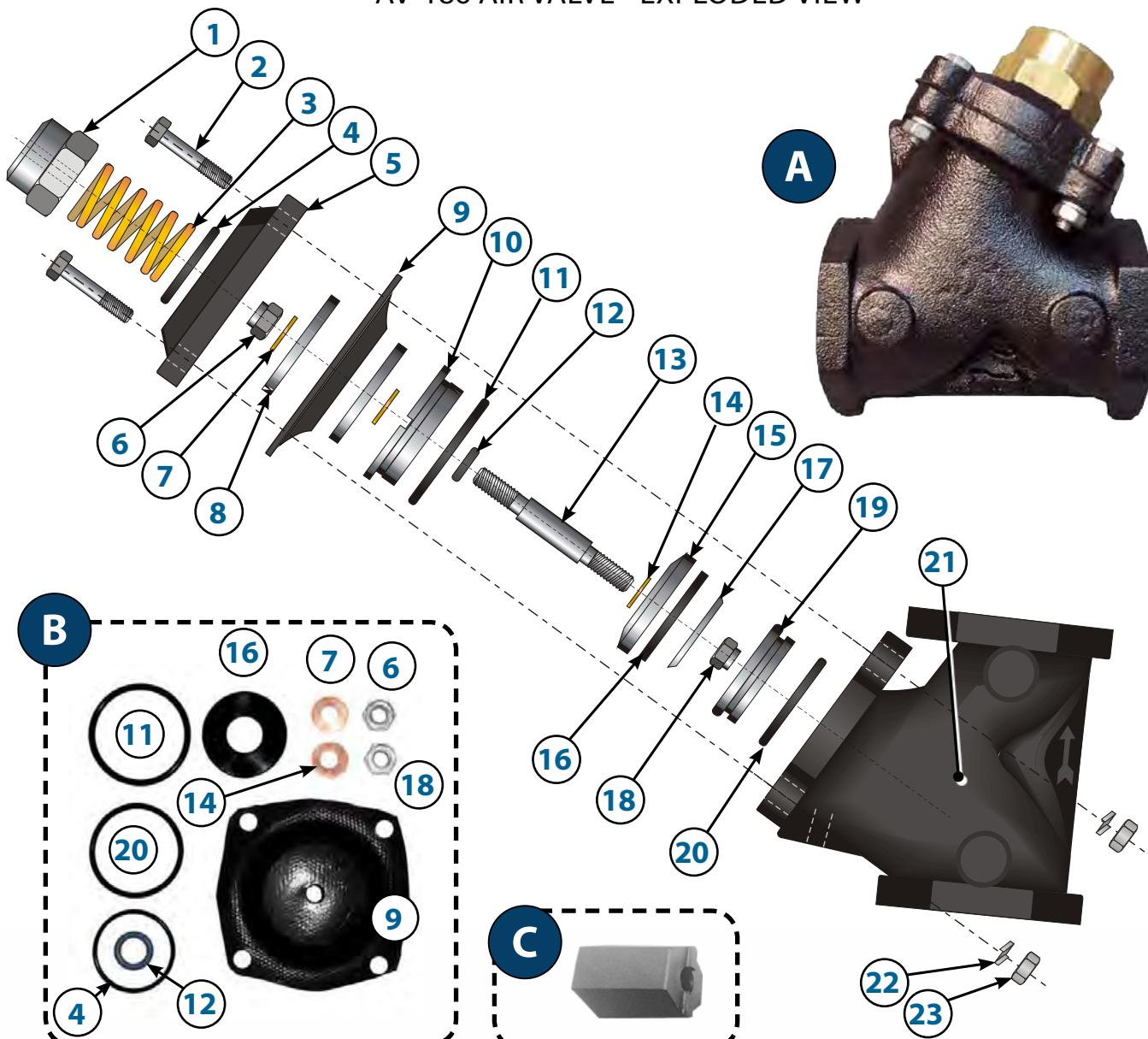
¹See parts details on page 38

²See parts details on page 39



SANDBLASTERS PPB-346/646/1046 : RC-186 PRESSURE HOLD SYSTEM

AV-186 AIR VALVE - EXPLODED VIEW



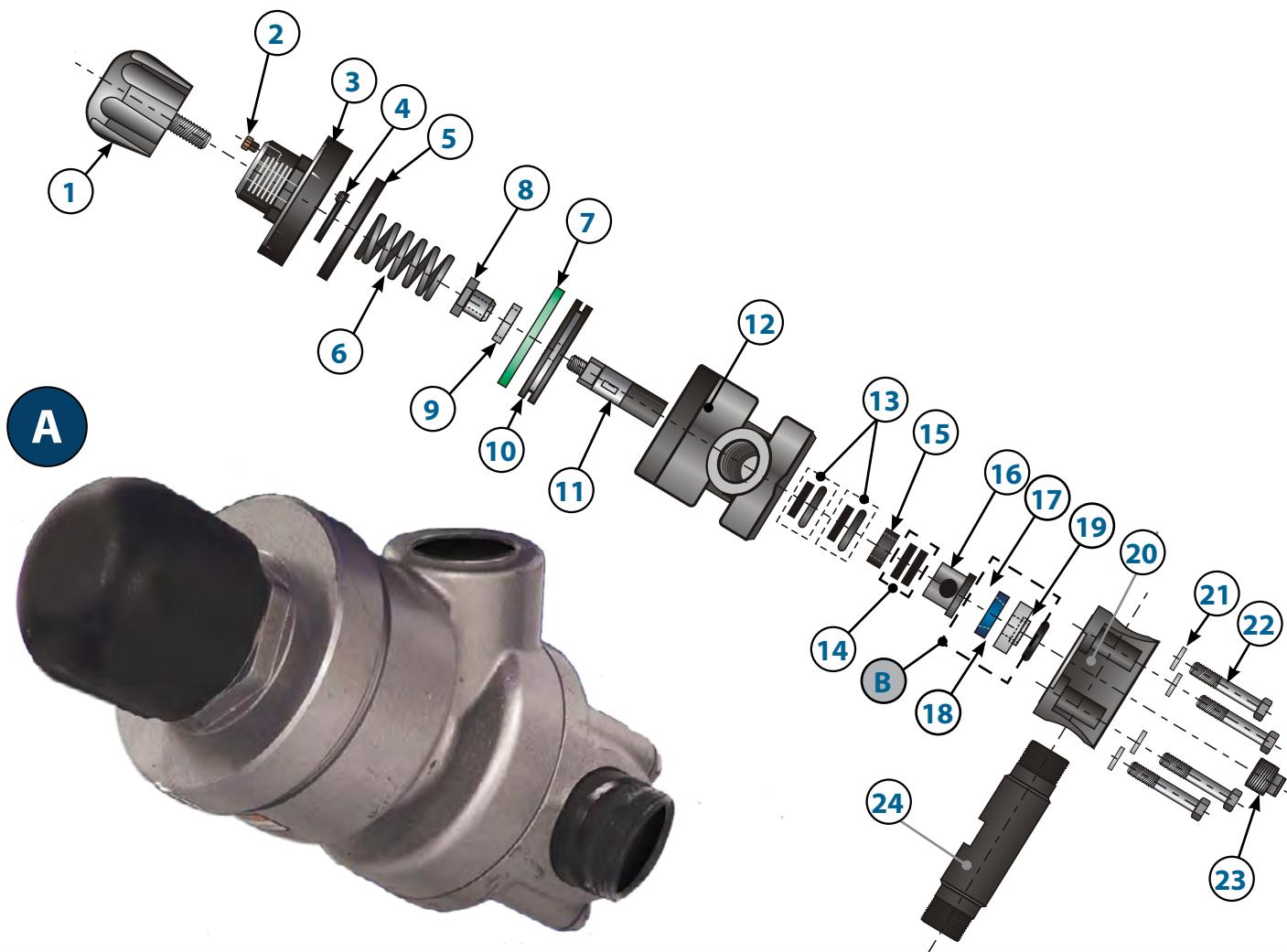
#	DESCRIPTION	1 1/4" Ø	1 1/2" Ø
A	AV-186 AIR VALVE: COMPLETE VALVE ASSEMBLY	608822	908846
B	SERVICE KIT INCLUDES ITEMS : 4, 6, 7, 9, 11, 12, 14, 16, 18, 20	608823	908944
C	SERVICE KIT INCLUDING THIS TOOL	608823A	908944A

#		DESCRIPTION	QTY
1	N-A	CAP	1
2	N-A	HEX MACHINE SCREW 1/4" UNC X 35 MM	4
3	608825	SPRING	1
4	N-A	O-RING 31.5 mm x 2 mm	1
5	N-A	CAP	1
6	N-A	LOCK NUT 5/16" UNF	1
7	N-A	FLAT WASHER 8 mm	2
8	N-A	FLAT WASHER	2
9	N-A	DIAPHRAGM	1

#	PART #	DESCRIPTION	QTY
10	608826	GUIDE BUSH	1
11	N-A	O-RING 45 MM X 3 MM	2
12	N-A	O-RING 9 MM X 2.65 MM	2
13	N-A	SHAFT	1
14	N-A	FLAT WASHER	1
15	608955	SEAT HOLDER	1
16	N-A	RUBBER GASKET	1
17	608954	RETAINER	1
18	N-A	LOCK NUT 1/4" UNF	1
19	N-A	INNER BUSH	1
20	N-A	O-RING 34 MM X 1.8 MM	1
21	N-A	BODY	1
22	N-A	SPRING WASHER 1/4"	4
23	N-A	NUT 1/4" UNC	4



SANDBLASTERS PPB-346/646/1046 : RC-186 PRESSURE HOLD SYSTEM
PMV-186 ABRASIVE REGULATOR VALVE - EXPLODED VIEW



ID	PART #	DESCRIPTION
A	608847	PMV-186 COMPLETE VALVE ASSEMBLY
B	770211	TUNGSTEN SEAL KIT INCLUDING ITEMS: 17, 18, 19
C	770210	GASKET KIT INCLUDING ITEMS 7,13,14, 15, 16, 17, 18, 19

ID	PART #	DESCRIPTION
10	770213	PISTON
11	770204	TUNGSTEN PLUNGER
12	770214	CYLINDER
13	608830	PLUNGER SEAL C/WITH O-RING
14	770030	PLUNGER SEAL C/WITHOUT O-RING
15	770206	BUSH
16	608832	TUNGSTEN CARBIDE SLEEVE
17	608840	URETHANE SEAT
18	608841	SEAT HOLDER
19	608839	O-RING
20	770032	BASE
21	770207	FLAT WASHER
22	770033	HEX. HEAD BOLT
23	770209	SQUARE HEAD PLUG
24	770034	1 1/4" X 1 1/4" PIPE NIPPLE

#	CODE	DESCRIPTION
1	770021	CONTROL KNOB
2	770208	EXHAUST FILTER
3	770022	TOP
4	770201	ANTI-VIBRATION WASHER
5	770023	STOP RING
6	770024	RESSORT
7	770026	PISTON SEAL
8	770202	PLUNGER COVER
9	770203	NYLON WASHER

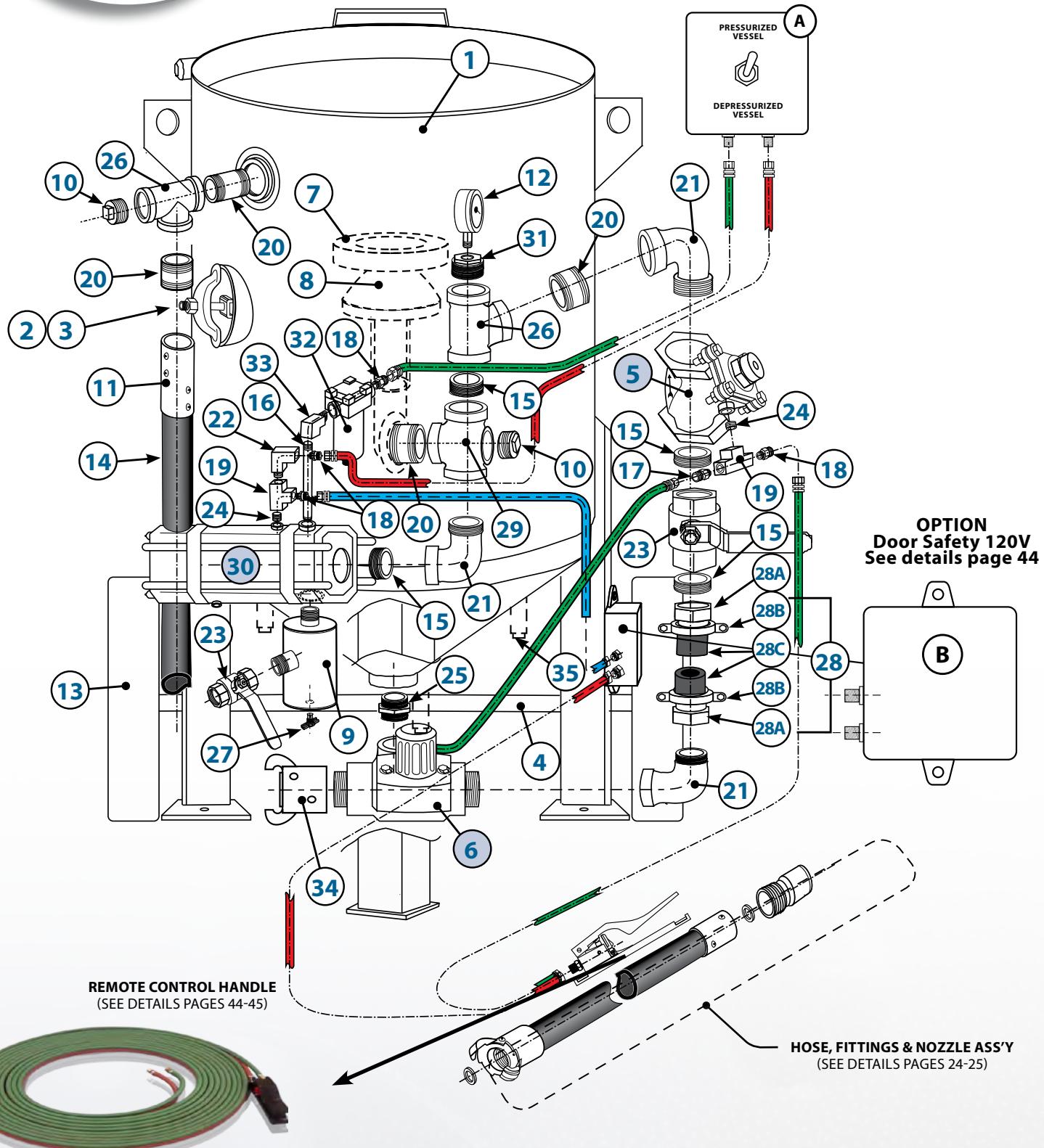


SANDBLASTERS PPB-346/646/1046 : RC-176/186 COMBINED SYSTEM EXPLODED VIEW



WITH PMV-186 VALVE

OPTION
Pressurization / Depressurization
See parts details page 44



REMOTE CONTROL HANDLE
(SEE DETAILS PAGES 44-45)

HOSE, FITTINGS & NOZZLE ASS'Y
(SEE DETAILS PAGES 24-25)



SANDBLASTERS PPB-346/646/1046 : RC-176/186 COMBINED SYSTEM
PARTS LIST

#	STOCK	DESCRIPTION	#	STOCK	DESCRIPTION
1	713000	PRESSURE VESSEL ONLY (346)	16	630111	NIPPLE 6" X 1/4"
	723000	PRESSURE VESSEL ONLY (646)	17	324570	PUSH IN 1/8"
	733000	PRESSURE VESSEL ONLY (1046)	18	632214	ADAPTOR 1/4" TO 1/8"
2	610056	ACCESS DOOR KIT (OLDER VERSION)	19	632018	TEE 1/8" FF
	740102	ACCESS DOOR KIT (LG SERIE)	20	630805	NIPPLE 3" X 1 1/4"
3	618241	ACCESS DOOR GASKET (OLDER VERSION)	21	630851	1 1/4" X 90° ELBOW MF
	740101	ACCESS DOOR GASKET (LG SERIE)	22	632026	STREET ELBOW 1/8"
4	740001	AXLE (PPB 346)	23	608105	1 1/4" BALL VALVE
	740002	AXLE (PPB 646-1046)	24	632002	HEX. NIPPLE 1/8"
5	608822	AIR VALVE AV-186 ¹	25	770180	2" X 1 1/4" REDUCER BST
6	608847	METERING VALVE PMV-186 ²	26	630840	TEE 1 1/4"
7	740004	"O" RING (OLDER VERSION)	27	608230	DRAIN COCK VALVE
	740100	"O" RING (LG SERIE)	28	770100	PUSH LINE HOSE ASS'Y (28-A-B-C)
	740104	"O" RING FOR 10 pi ³ (LG SERIE)	28A	607088	SWIVEL HOSE INSERT 1 1/4"
8	740007	5" PLUNGER (OLDER VERSION)	28B	607087	DOUBLE BOLT CLAMP
	610044	5" PLUNGER (LG SERIE)	28C	770101	PUSH LINE HOSE 30" X 1 1/4"
9	611053	1 1/4" MOISTURE SEPARATOR	29	630838	1 1/4" COUPLING CROSS
10	630884	1 1/4" PLUG	30	608821	COMBO VALVE AV 176 ³
11	607051	NH-3/4" ALUM. NOZZLE HOLDER	31	630864	1 1/4" X 1/4" COUPLING
12	611022	1/4" NTP GAUGE	32	611035	AIR LINE FILTER
13	740006	WHEEL	33	632232	ELBOW 1/4" X 90° MF
14	606003	HOSE 3/4" SBH	34	607075T	TANK COUPLING 1 1/4" NYLON
15	630801	1 1/4" NIPPLE CLOSE	35	NPN	1 1/4" SQUARE PLUG

¹See parts details on page 38

²See parts details on page 39

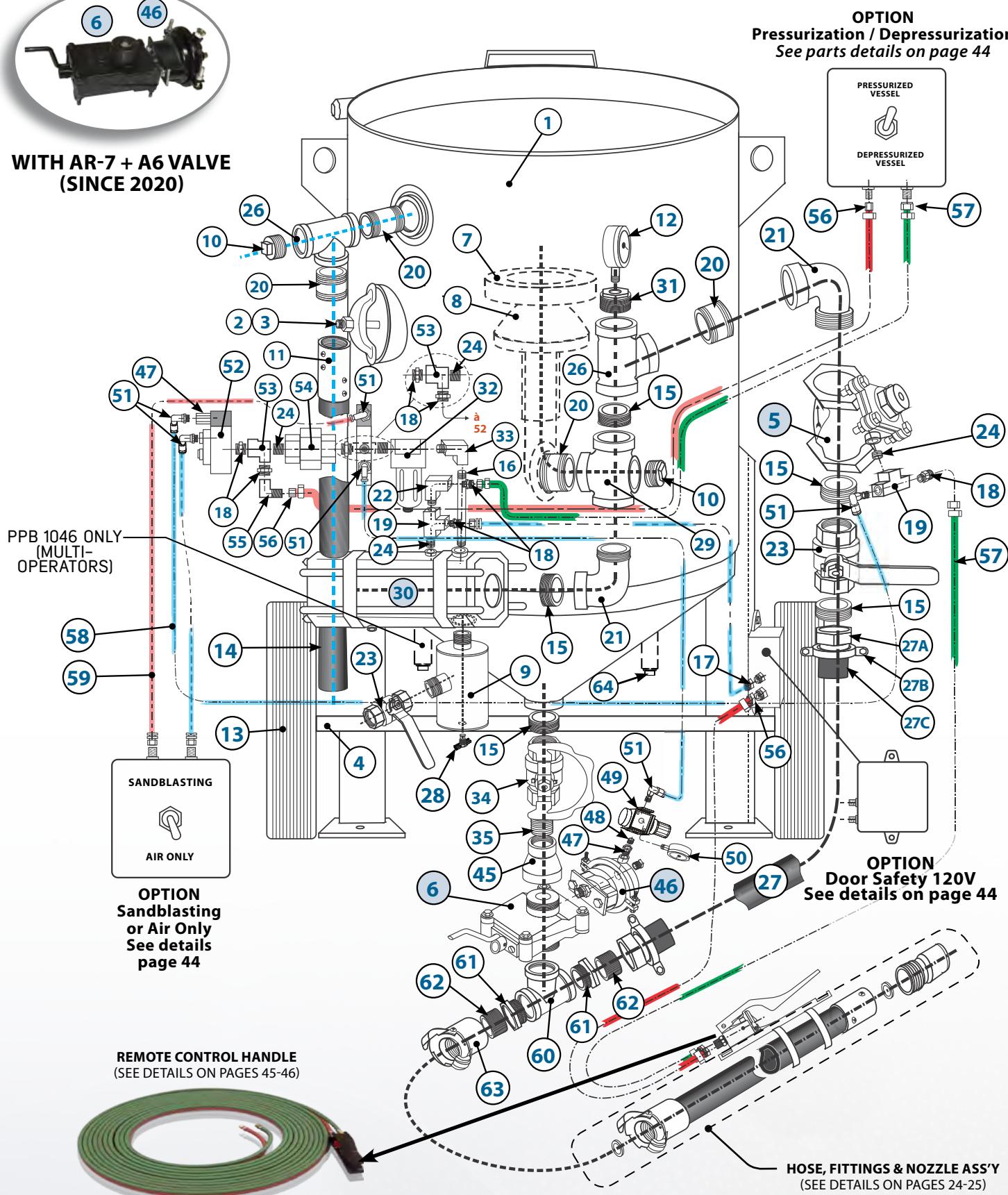
³See parts details on page 34



SANDBLASTERS PPB-346/646/1046 COMBINED SYSTEM : RC-176/186 + AR7 & A6 EXPLODED VIEW



WITH AR-7 + A6 VALVE
(SINCE 2020)





SANDBLASTERS PPB-346/646/1046 COMBINED SYSTEM : RC-176/186 + AR7 & A6

PARTS LIST

#	STOCK	DESCRIPTION	#	STOCK	DESCRIPTION
1	713300	PRESSURE VESSEL ONLY (346)	27	770100	PUSH LINE HOSE ASS'Y (27-A-B-C)
	723000	PRESSURE VESSEL ONLY (646)	27A	607087	1¼" SWIVEL HOSE INSET
	733000	PRESSURE VESSEL ONLY (MOD. 1046)	27B	607088	DOUBLE BOLT CLAMP
2	610056	ACCES DOOR KIT (OLDER VERSION)	27C	770101	30" X 1¼" PUSH LINE HOSE
	740102	DOOR KIT (LG SERIE)	28	608230	DRAIN COCK VALVE
3	618241	ACCES DOOR GASKET (OLDER VERSION)	29	630838	1¼" COUPLING CROSS
	740101	ACCES DOOR GASKET (LG SERIE)	30	608821	AV 176 COMBO VALVE ³
4	619091	4" AXLE	31	630864	1¼" X ¼" COUPLING
5	608822	AV-186 AIR VALVE ¹	32	611035	AIR LINE FILTER
6	608043	AR-7 ABRASIVE REGULATOR ²	33	632232	¼" @ 90° MF ELBOW
7	740004	"O" RING	34	908847	1¼ BALL VALVE (IF EQUIPPED)
	740100	"O" RING (LG SERIE)	35	630801	1¼ NIPPLE
	740104	'O" RING FOR 10 FT ³ (LG SERIE)	45	631160	2" X 1¼" REDUCER
8	740007	5" PLUNGER	46	608482	A6 ACTUATOR ⁴
	610044	5" PLUNGER (LG SERIE)	47	324561	90° ⅛" NPT ¼" TU PUSH-IN CONNECTOR
9	611053	1¼" WATER SEPARATOR	48	632202	¼" NIPPLE
10	630884	1¼" PLUG	49	608015	¼" PRESSURE REGULATOR
11	607051	NH-¾" ALUM. NOZZLE HOLDER	50	311002	⅛" PRESSURE GAUGE
12	611022	¼" PRESSURE GAUGE	51	324560	¼" @ 90° PUSH-IN CONNECTOR
13	740006	WHEEL	52	608534	SOLENOID VALVE
14	606003	¾" SBH HOSE	53	632226	¼" FFF BRASS "T"
15	630801	1¼" PA NIPPLE	54	632260	¼" PL UNION
16	630111	6" X ¼" NIPPLE	55	632026	⅛" MF ELBOW
17	324570	⅛" PUSH-IN	56	632281	⅛" F.SW.X ¼" ST. PL ADAPTOR
18	632214	¼" TO ⅛" ADAPTOR	57	632279	¼" PIV. (SWIVEL) PL ADAPTOR
19	632018	⅛" FF "T"	58	324571	¼" BLUE POLY. HOSE
20	630805	3" X 1¼" NIPPLE	59	324586	¼" RED POLY. HOSE
21	630851	1¼" X 90° MF ELBOW	60	631135	2" "T"
22	632026	⅛" ELBOW	61	631151	2" TO 1¼" ADAPTOR
23	608105	1¼" BALL VALVE	62	630801	1¼" NIPPLE
24	632002	⅛" HEX. NIPPLE	63	607075T	TANK COUPLING 1¼" NVC NYLON
26	630840	1¼" "T"	64	NPN	1¼" SQUARE PLUG

¹See parts details on page 38

³See parts details on page 34

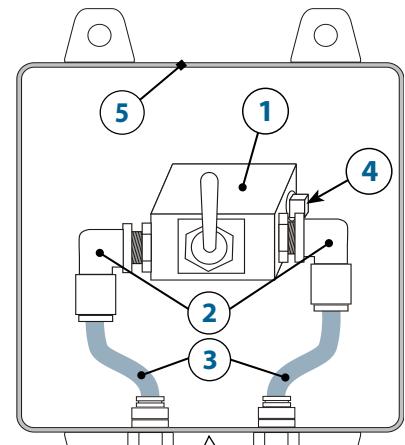
²See parts details on page 48

⁴See parts details on page 48



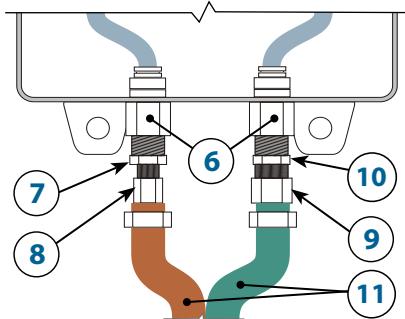
REMOTE CONTROL BOXES FOR SANDBLAST BOOTH

FOR 646/1046 SANDBLASTERS WITH RC176/RC-186 COMBO SYSTEM - PARTS DETAILS



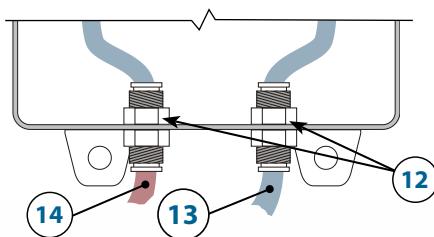
CONTROL BOX WITH PNEUMATIC SWITCH

#	STOCK	DESCRIPTION
1	608528	PILOT VALVE TAC 2 #41V
2	324561	90° PUSH-IN FITTING 1/8" NPT 1/4" TU
3	324571	1/4" POLYURETHANE BLUE HOSE (SOLD BY FOOT)
4	632050	1/8" MALE PLUG
5	617336	PVC JUNCTION BOX



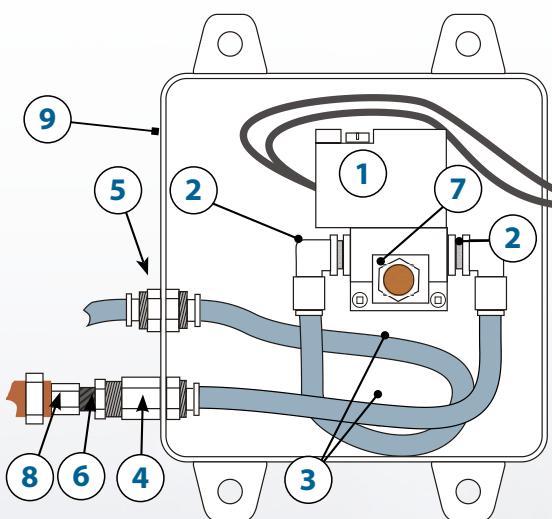
DEPRESSURIZATION BOX (CONNECTIONS)

A	616075	COMPLETE BOX ASSEMBLY
6	324503	BULKHEAD PUSH-IN FITTING 1/4" TU X 1/4" FPT
7	632214	HEXAGONAL NIPPLE 1/4" x 1/8" MPT
8	632281	1/4" ID X 1/8" FPT SWIVEL HOSE BARB FITTING
9	632279	1/4" ID X 1/4" FPT SWIVEL HOSE BARB FITTING
10	632202	1/4" X 1/4" MPT HEXAGONAL NIPPLE
11	606190	1/4" GREEN/RED TWIN HOSE (SOLD BY FOOT)



AIR ONLY BOX (CONNECTIONS)

A	-/-	COMPLETE BOX ASSEMBLY
12	324502	BULKHEAD PUSH-IN UNION FITTING 1/4" TU
13	324571	1/4" BLUE POLYURETHANE HOSE (SOLD BY FOOT)
14	324586	1/4" RED POLYURETHANE HOSE (SOLD BY FOOT)

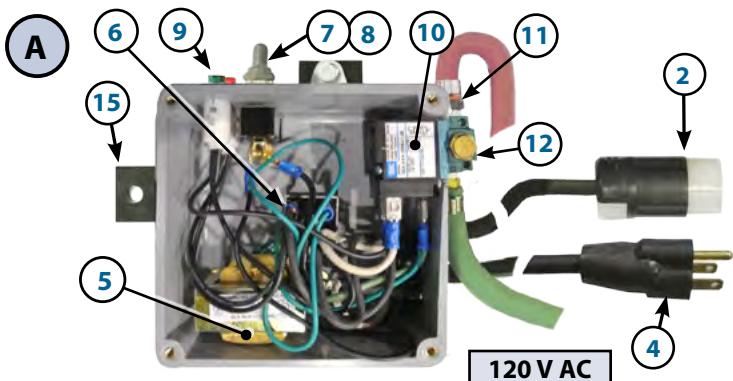
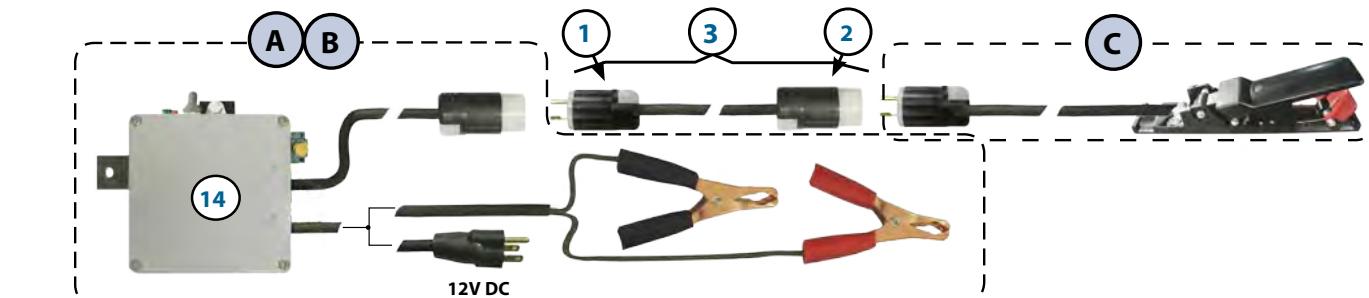


DOOR SECURITY BOX

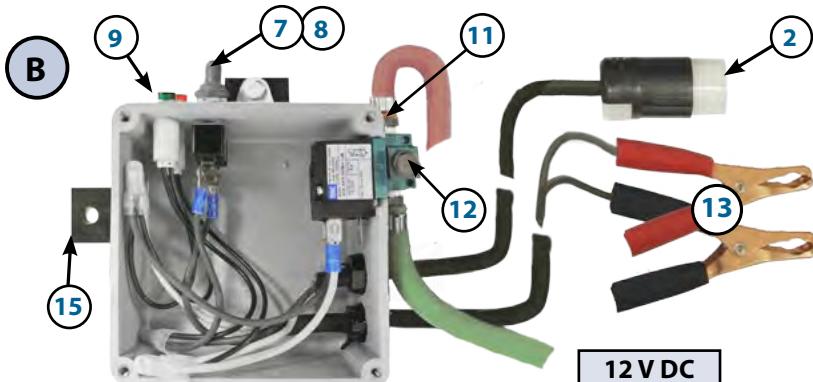
#	STOCK	DESCRIPTION
A	616074	COMPLETE BOX ASSEMBLY
1	608574	SOLENOID VALVE
2	324561	90° PUSH-IN FITTING 1/8" MPT x 1/4" TU
3	324571	1/4" BLUE POLYURETHANE HOSE (SOLD BY FOOT)
4	324503	BULKHEAD PUSH-IN FITTING 1/4" TU X 1/4" MPT
5	324502	BULKHEAD PUSH-IN UNION FITTING 1/4" TU
6	632214	HEXAGONAL ADAPTER 1/4" x 1/8" MPT
7	608284	MUFFLER 1/8" MPT
8	632281	1/4" ID x 1/8" FPT SWIVEL HOSE BARB FITTING
9	617336	PVC JUNCTION BOX



OPTION: ELECTRICAL REMOTE CONTROLS 12 VOLTS DC / 120 VOLTS

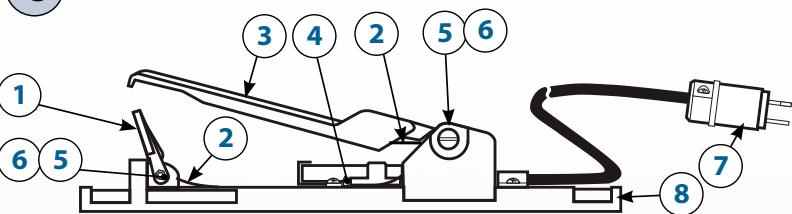


ID	PART #	DESCRIPTION
A	616070	120 V AC Remote Control
B	616068	12 V DC Remote Control
1	616411	Plug
2	616410	Electric Plug
	616519	30' Extension Cable
3	616520	55' Extension Cable
	616522	105' Extension Cable
4	616585	Electric Plug & Wire
5	617205	120 -12 V Transformer
6	617240	Diode



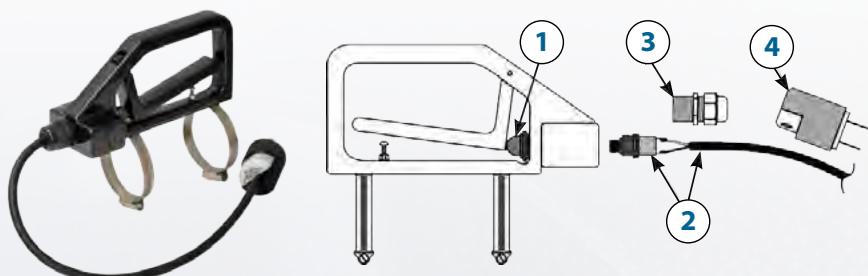
ID	PART #	DESCRIPTION
7	617014	E3 Switch
8	617019	Switch Protector E3
9	617104	12 V red indicator lamp
	617105	12 V green indicator lamp
10	608565	Solenoid valve 12 V NC
11	632273	PL 1/4 " x 1/8 " NPT Adaptor
12	608284	1/8 " MPT Muffler
13	616105	12 V Clips (pair)
14	617336	Junction Box
15	616096	Control Bracket

C ELECTRIC CONTROL HANDLE



ID	PART #	DESCRIPTION
C	770160	Complete handle
1	770051	Safety Lavel
2	770052	Spring
3	770054	Handle
4	770063	Switch
5	770060	Shoulder Screw
6	770064	Locking Nut
7	616410	Electric Plug
8	770055	Base

D D-HANDLE ELECTRIC REMOTE CONTROL

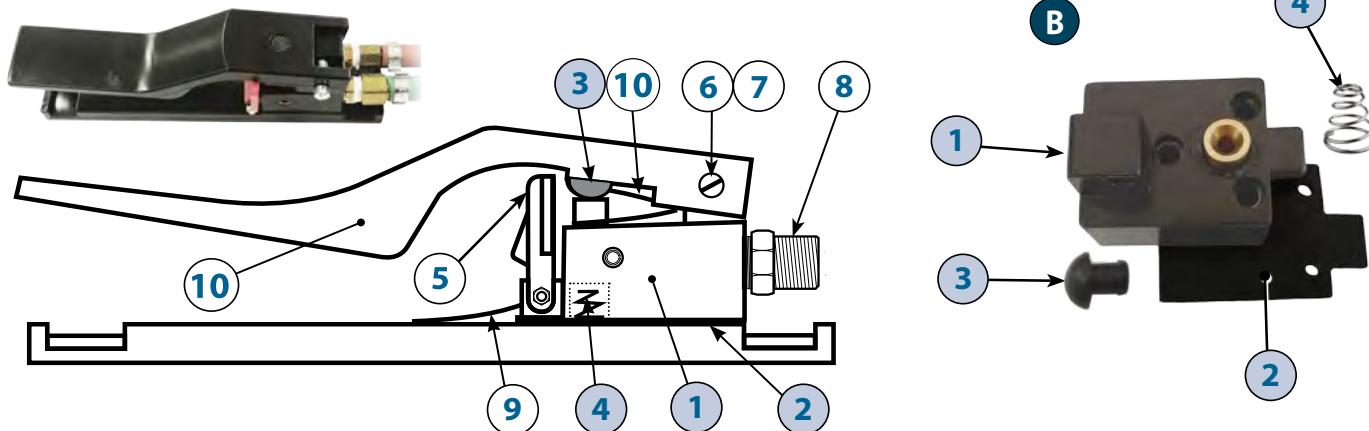


ID	PART #	DESCRIPTION
D	608801	Complete handle
1	NPN	Boot, Push Button
2	NPN	Switch, Push Button Assembly
3	NPN	Strain Relief Fitting
4	NPN	Male Twist-Lock Connector, 2 prong



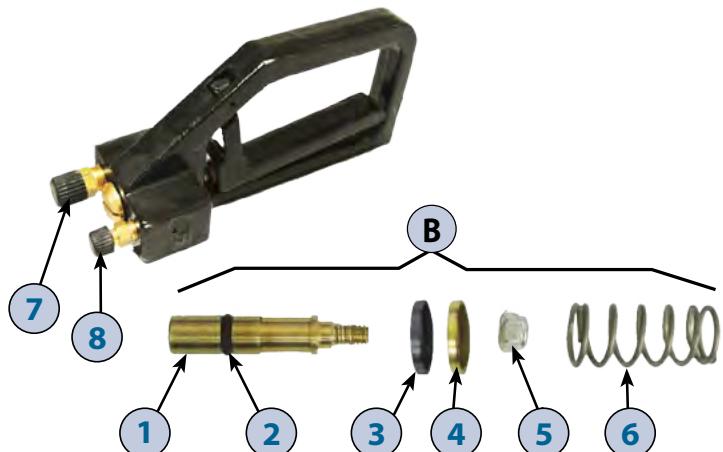
OPTION: PNEUMATIC REMOTE CONTROLS

A STANDARD PNEUMATIC CONTROL HANDLE



ID	PART #	DESCRIPTION
A	908006	Complete Pneumatic Remote Control
B	770061	Repair Kit For Control Handle (Includes items: 1, 2, 3, 4)
1	NPN	Manifold
2		Gasket
3		Plunger Plug
4		Plunger Spring
5	770062	Safety Lever Lock
6	770060	Shoulder Screw
7	770064	Locking Nut
8	632214	Hex. Nipple 1/4" x 1/8" NPT (x2)
9	770052	Return Spring
10	908039	Remote Control Lever

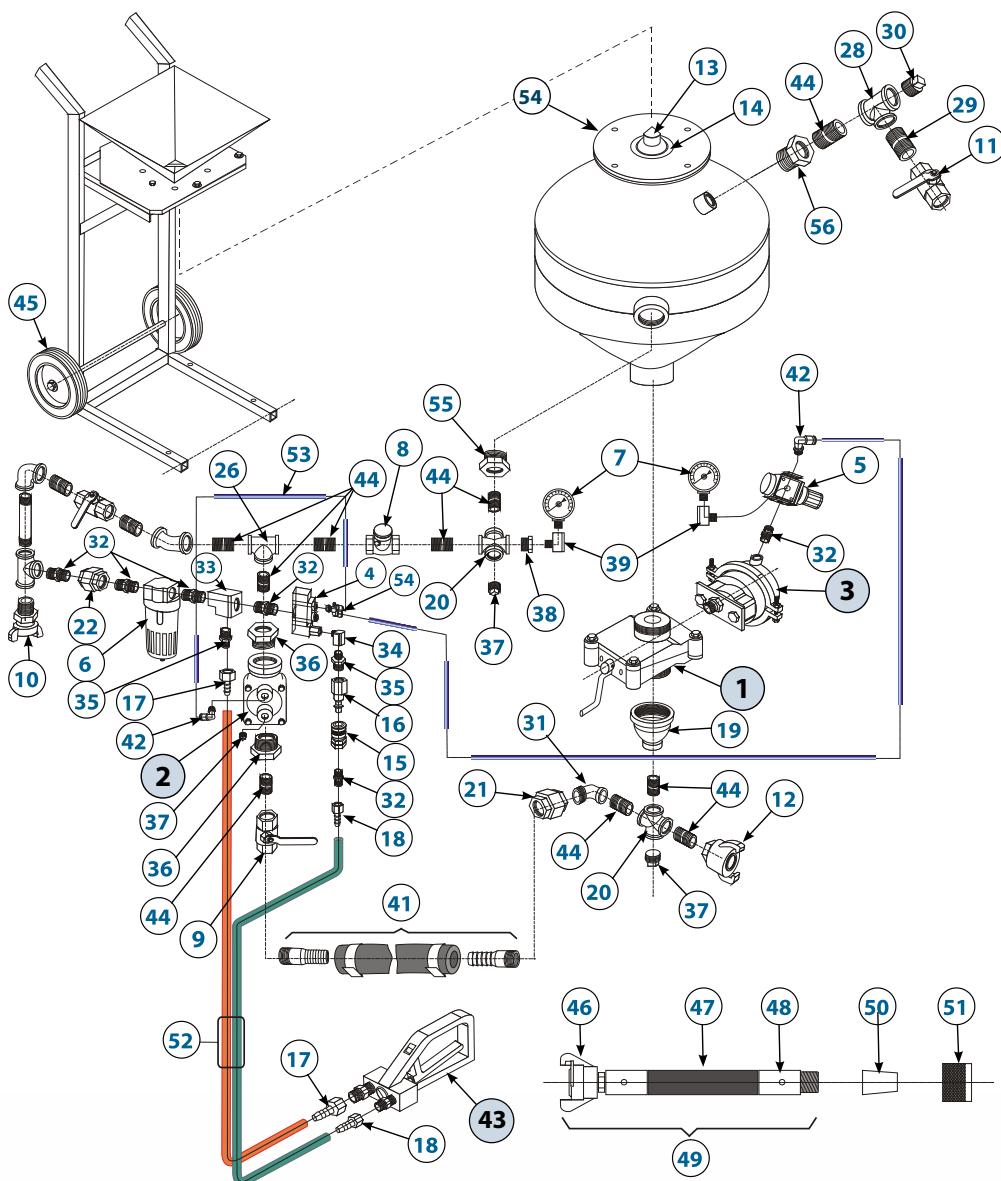
A "D" SHAPE PNEUMATIC CONTROL HANDLE



A	608800	Complete Control Handle
B	608804	Repair Kit, includes parts 1 to 6
1	NPN	Piston
2		O Ring
3		Rubber Washer
4		Washer
5		Nut
6		Spring
7	632201	Hexagonal Nipple- PL 1/4"
8	632002	Hexagonal Nipple- PL 1/8"



SANDBLASTER MODEL MP101-RC76



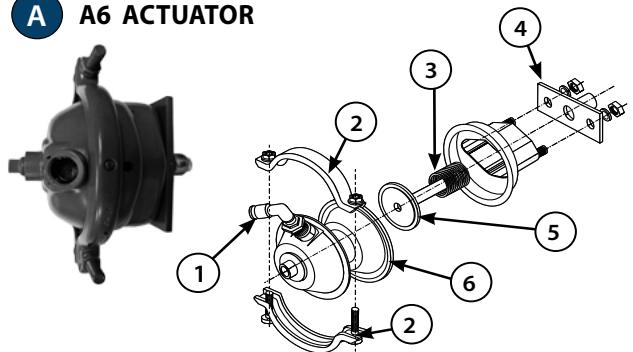
1	608043	AR-7 abrasive regulator	19	631163	Reducer PA 2" x 1/2"	38	630351	PA 1/2" x 1/4" hex bushing
2	608302	1" diaphragm valve	20	630327	PA 1/2" cross	39	632232	1/4" MF elbow
3	608332	Repair kit	21	630367	1/2" union	40	630305	PA 1/2" x 3" nipple
4	608482	A6 Actuator	22	632260	PL 1/4" union	41	610325	Air hose assembly
5	608534	Pilot valve TAC3 SMC	23	630330	"T" PA 1/2" x 1/2" x 1/4"	42	324560	Push-in "1/4" @ 90 KQL07-35S
6	608015	Mini air regulator 1/4"	24	630340	PA FF 1/2" @ 90° elbow	43	608800	Control handle RC76 630301
7	611035	Mini filter 1/4"	25	630346	PA 1/2" @ 45° elbow	44	630301	PA 1/2" nipple
8	611022	1/4" pressure gauge	26	630328	"T" PA 1/2"	45	619002	Plastic wheel
9	608202	1/2" check valve	27	630605	PA 1" x 3" nipple	46	607012	CQA 1/2" quick hose coupling
10	608102	1/2" ball valve	28	630630	"T" PA 1"	47	606001	SHB 1/2" hose (sold per foot)
11	607070	TC-1/2" tank coupling	29	630601	PA 1" nipple	48	607059	NC3-N3 1/2" x 1" NPT
12	608104	1" ball valve	30	630671	PA 1" plug	49	606057	SBH 1/2" x 25' CQA 1/2" - NCN3 1/2" hose
13	607077	CFA-1/2" tank coupling	31	630341	PA 90 MF 1/2" elbow	50	605303	DC2 F3 standard nozzle
14	610040	M101 plunger	32	632202	Hex PL 1/4" 122B nipple	51	607040	NA1 nozzle adaptor 1" NPT
15	618205	"O" ring M101	33	632226	"T" PL 1/4" (street)	52	606191	Double control 30'
16	607219	1/4" female quick coupling	34	632026	1/8" MF elbow	53	324571	Plastic tube
17	607223	1/4" male quick coupling	35	632214	Hex. PL reducer 1/4" to 1/8" nipple	54	609301	Recycler hopper flange
18	632281	PL 1/8" B.F SW. x 1/4" ST adaptor	36	630651	Reducer PA 1" M @ 1/2" F			
	632279	PL 1/4" PIV. (Swivel) adaptor	37	630361	1/2" male plug			

1, 2, 3 See details pg 48



A6 ACTUATOR - AR-7 - DEPRESSURIZATION & PNEUMATIC VALVES

A A6 ACTUATOR



A 608482 Complete A6 Actuator

1 324560 Push-in 1/4" @ 90°

2 608488 Retaining collar

3 608487 Spring

4 608481 Retaining plate

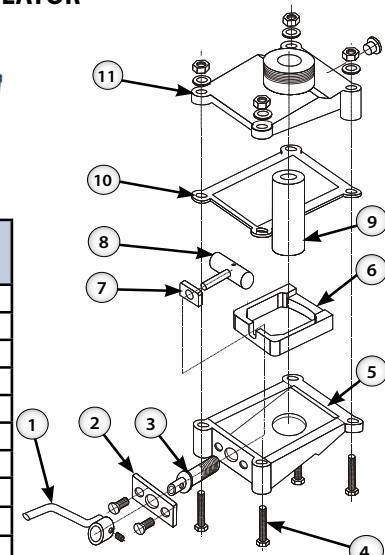
5 608480 Push rod

6 618216 Diaphragm

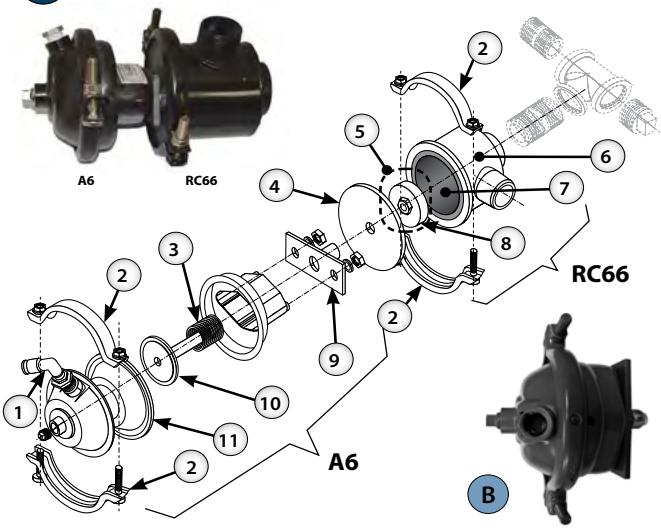
A AR-7 ABRASIVE REGULATOR



A	608043	Complete AR-7 Abrasive regulator
1	608093	Handle
2	608091	Retaining plate
3	608039	Regulating screw
4	608096	Clamping Bolt (kit)
5	608047	Lower housing
6	608037	Crushing bracket
7	608040	Regulating plate 1/2"
8	608036	Crushing tube
9	618228	Rubber tube
10	618231	Gasket seal
11	608046	Upper housing



A A6/RC66 DEPRESSURIZATION VALVE



A 608951 Complete depressurization valve

B 608482 Complete A6 Actuator

1 324560 Push-in 1/4" x 90°

2 608488 Retaining collar

3 608487 Spring

4 608994 Tapped cover

5 608960 Complete plug

6 608961 Welded body (#7 included)

7 618214 RC66 lining

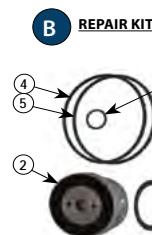
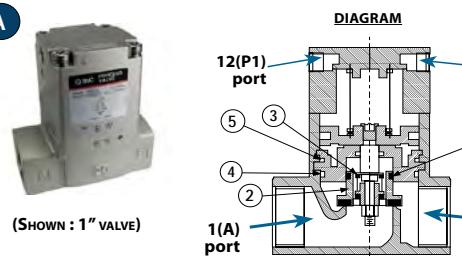
8 618217 Rubber plug only

9 608481 Retaining plate

10 608480 Push rod

11 618216 Diaphragm

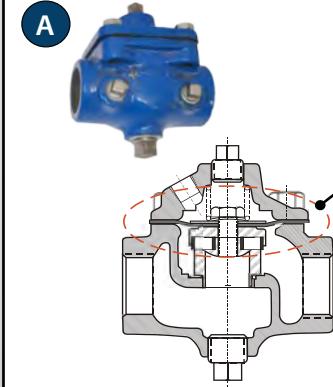
PILOT VALVE FOR PPB SERIES RC70/80 MODELS



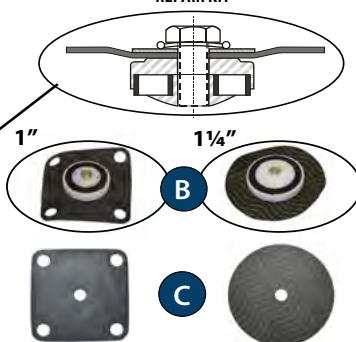
	Size	
A Pilot Valve Complete Assembly	1"	1 1/4"
B Seat and Seal Gasket Repair Kit Including # 1-2-3-4-5	608309	608307

DIAPHRAGM VALVE FOR PPB SERIES RC75, 66 & 76 MODELS

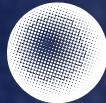
A



REPAIR KIT



	Size	
A Diaphragm Valve Complete Assembly	1"	1 1/4"
B Diaphragm and Seal Gasket Repair Kit (pre-assembled)	608302	608303
C Diaphragm only	608332	608333



BREATHABLE AIR SYSTEM

You will find various air filtration systems for supplying a hood blasting. A set using the carbon filter and activated alumina to remove most oils and condensation, particles, odors and organic vapors questions. And a multi-gas detector that can detect carbon monoxide.

These two assemblies are provided with pressure regulator for supplying blasting hood. They can also be used for one of two hoods blasting. A breathing air system including ambient air pump is also available. The pump is activated by a air electric motor with a power of 3/4 hp and 10 cubic feet @ 10 lb/pc. Excellent to provide quality breathing air to the operator.



AIR FED HOODS

HOSE FOR AMBIENT AIR PUMP



AIR PURIFIER
CAN SUPPLY AIR FOR
FOR 2 SANDBLAST HOODS



RPB GX4 GAS MONITOR
MULTI-GAS DETECTOR



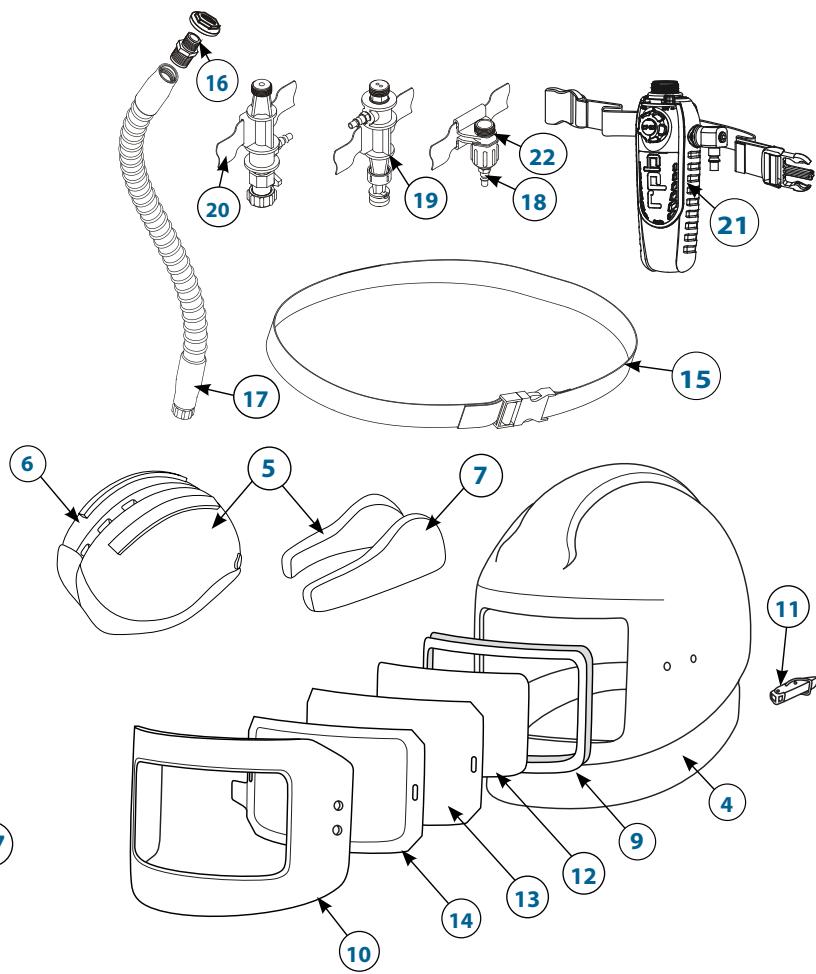
3/4 HP ELECTRIC POWERED
AMBIENT AIR PUMP
CAPACITY 10 CFM @ 10 PSI



NOVA 2000 HOOD



SAFETY EQUIPMENT



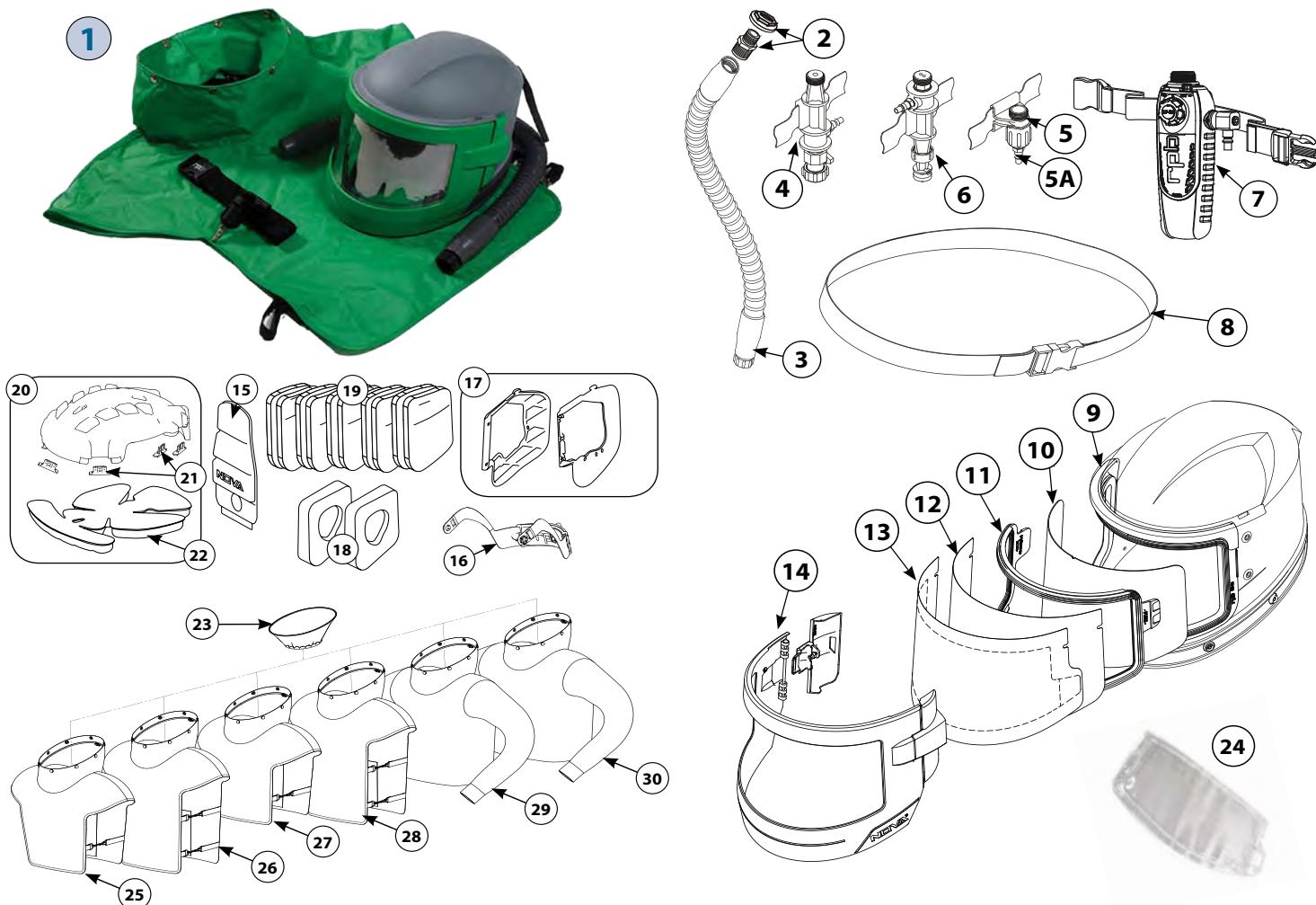
#	STOCK	DESCRIPTION
1	NV2000	NYLON CAPE, FLOW CONTROL VALVE
3	NV2012	INNER BIB
4	NV2013	CAPE COVER BAND
5	NV2009-10LH	NOVA 2000 HYGIENE KIT SIZE LARGE
	NV2009-10	HYGIENE KIT SIZE MEDIUM
	NV2009-10SH	HYGIENE KIT SIZE SMALL
6	NV2009	HELMET LINER SIZE MEDIUM
7	NV2010	SIDE WINGS M (PAIR)
8	NV2034	QUICK CONNECT 3/8" MNPT
9	NV2003	WINDOW FRAME GASKET
10	NV2004	VISOR KIT
11	NV2008	LATCH KIT
12	NV2018	INNER LENS - PK 10 (4 3/4" x 8 3/4")
13	NV2031-015	OUTER LENS - PK 50
14	NV2017	TEAR-OFF LENS - PK 50

#	STOCK	DESCRIPTION
15	NV2022	BELT
16	03-035	AIR INLET KIT
17	NV2021	SAR BREATHING TUBE FOR ASTRO & NOVA 2000
18	4000-06	QUICK RELEASE TAIL 1/4" MALE THREAD
19	4000-01	COOL AIR TUBE ASSEMBLY
20	4000-20	HOT AIR TUBE WITH MBSP THREAD & BELT
21	03-501	C40 CLIMATE CONTROL DEVICE
22	NV2016	FLOW CONTROL VALVE
23	NV2002	NYLON RESPIRATOR CAPE
24	NV2002XL	EXTRA LENGTH NYLON RESPIRATOR CAPE
25	NV2002L	LEATHER CAPE 28"
26	NV2002HB-XL	LEATHER CAPE 38" XL
27	NV2002HB-XXL	BLASTING JACKET XXL
28	NV2012	INNER BIB



NOVA 3 HOOD

SAFETY EQUIPMENT (CONT'D)



#	STOCK	DESCRIPTION
1	NV3-702-50	FLOW CONTROL, NYLON CAPE
2	03-035	AIR INLET KIT
3	NV2021	SAR BREATHING TUBE
4	4000-20	HOT AIR TUBE C/W BELT
5	NV2016	FLOW CONTROL VALVE
5A	4000-06	QUICK RELEASE TAIL 1/4" MALE THREAD
6	4000-01	COOL AIR TUBE ASSEMBLY
7	03-501	C40 CLIMATE CONTROL DEVICE
8	NV2022	BELT
9	NV3-721	INNER GASKET
10	NV3-722	INNER LENS (PK. OF 10)
11	NV3-723	INNER LENS FRAME
12	NV3-724	OUTER LENS (PK. OF 50)
13	NV3-725	TEAR-OFF LENS (PK. OF 50)
14	NV3-726	VISOR KIT

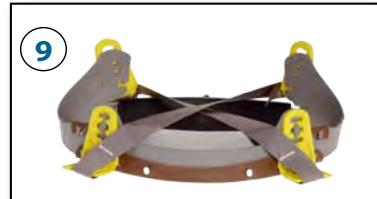
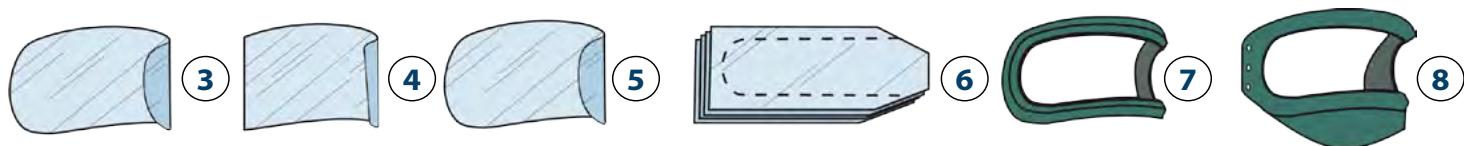
#	STOCK	DESCRIPTION
15	NV3-735	HEAD LINER FOAM PADDING
16	07-900	ADJUSTABLE HEAD SUPPORT
17	NV3-731	SIDE PADDING FRAMES (PAIR)
18	NV3-732-XXX	SIDE PADDING FOAM & COVERS, SIZE A-05*
19	NV3-733	SIDE PADDING COVERS (5 PAIRS)
20	NV3-734	HEAD LINER KIT (INCLUDES NV3-734-1)
21	NV3-734-1	HEAD LINER CLIPS (PK 4)
22	NV3-735	HEAD LINER FOAM PADDING
23	NV2012	INNER BID
24	NV3-745	CASSETTE LENSE (PK 20)
25	NV3-750	NYLON RESPIRATOR CAPE
26	NV3-751	EXTRA LENGTH NYLON RESPIRATOR CAPE
27	NV3-752	LEATHER RESPIRATOR CAPE
28	NV3-753	EXTRA LENGTH LEATHER RESPIRATOR CAPE
29	NV3-754	BLAST JACKET SIZE XL
30	NV3-755	BLAST JACKET SIZE XXL

* Side wings are available in 5mm (A05), 10 mm (A10), 15 mm (A15), and 20 mm (A20). Standard size supplied with Nova 3 is 10 mm. A05 is the thinnest padding system (for large heads) and A20 is the thickest (for small heads).



SAFETY EQUIPMENT (END)

BULLARD (88 VX) HOOD

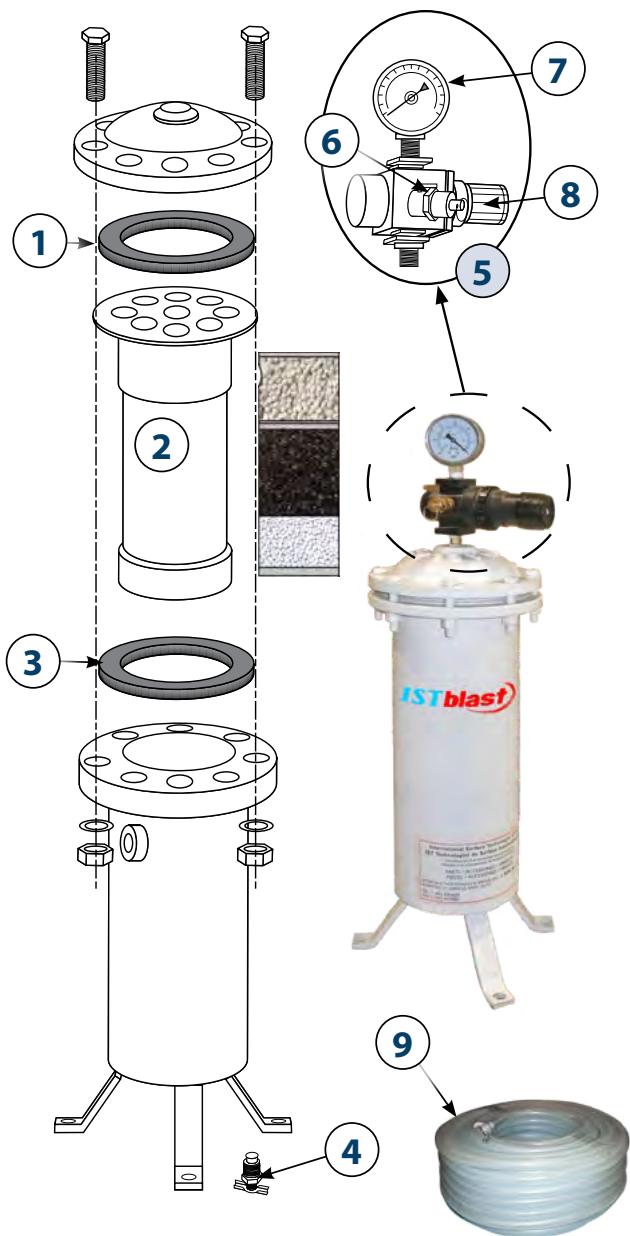


1	603070	Complete 88VX Bullard air fed hood, cape & belt (BH8)
	613211	Nylon cape (standard 28" length)
2	613224	38" length Cape
	613237	38" length Hibernia nylon cape
3	613009	RPW6 inner shield (oval 4½" x 12 ¾")
4	613010	RPW6 - outer shield (rectangular 5" x 14") (BH8)
5	913004	RPW6 - outer shield oval (4½" x 14")
6	613234	BH8/BH6 77LC perfor. visor shield (pack of 25)
7	613205	Window gasket including seal and visor
8	613254	Outer window frame kit
	613132	Standard headband suspension
9	613134	Ratchet headband suspension
10	613139	Chin strap
11	613226	Breathing tube only
12	613232	F30 ½" belt adaptor
13	613229	Flow control valve and adaptor
14	613238	BH8/BH30 FA35 ½" belt adaptor
15	613212	Belt
16	613155	AC1000 air cooler hose
17A	613160	Control valve and silencer
18	613235	Breathing tube connector 88CK
19	603510	Cold air tube

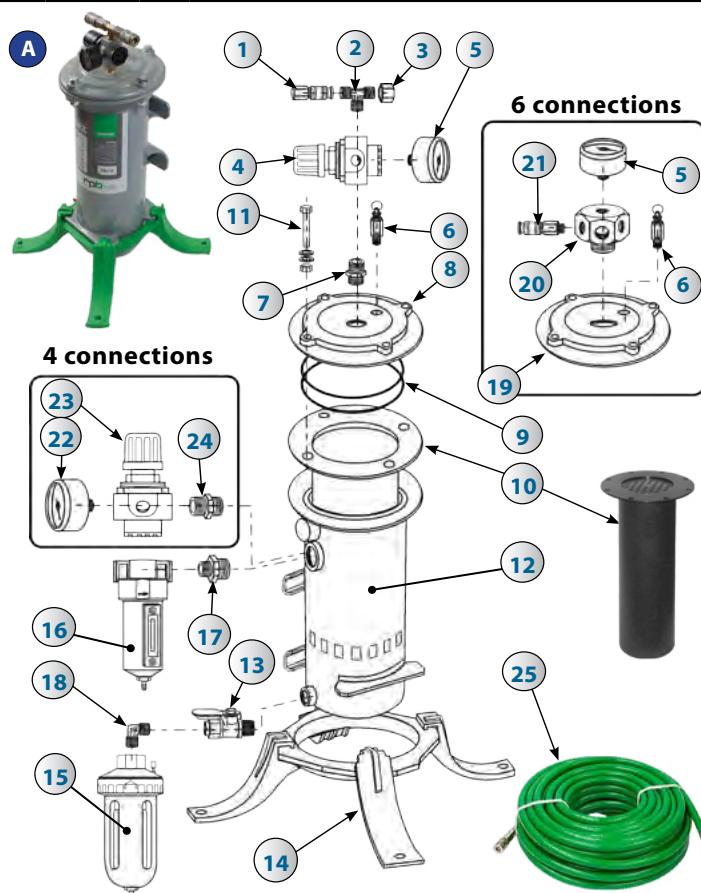


AP2-C & RPB® RADEX™ AIRLINE FILTER

AP2-C AIR LINE FILTER



#	STOCK	DESCRIPTION
1	613301	Seal
2	603047	AP2-C replacement cartridge includes #1-3
3	613301	Seal
4	608230	1/4" MPT drain valve
5	613306	Regulation kit
6	608220	125 lb./po ² 1/4" MPT safety valve
7	611022	1/4" MPT gauge
8	608020	1/4" FTP pressure regulator
9	613144	AP2C Initial Connection Hose with 3/8" Fitting (25')
	606145	AP2C Initial Connection Hose with 3/8" Fitting (50')
	606142	AP2C Extension Hose with 3/8" Fitting (50')
	606143	AP2C Extension Hose with 3/8" Fitting (100')



#	STOCK	DESCRIPTION
A	04-900	Complete RADEX Airline filter 2 outlets
	04-906	Complete RADEX Airline filter 6 outlets
1	04-911	3/8" FTP quick release coupler
2	04-912	3/8" Brass "T"
3	04-913	3/8" Brass cap
4	04-914	Pressure Regulator(no pressure gauge)
5	04-915	Pressure Gauge
6	04-916	125 psi 1/4" MPT Pressure Relief Valve
7	04-917	3/8" Hex. brass nipple
8	04-918	FILTer lid
9	04-919	O- Ring (set of 2)
10	APF3100	Filter cartridge
11	04-920	Bolt, Nut, Washer, (set of 4)
12	04-922	Filter body
13	04-923	1/4", MPT brass drain tap
14	04-924	Base mount
15	04-925	1/4"FTP Auto drain unit
16	04-927	1/2" Micro mist filter, assembled
17	04-928	1" X 1/2" Brass nipple reducer
18	04-960	1/4" MPT Brass elbow
19	04-965	6 outlet cover
20	04-911	6 outlet FPT Manifold
21	04-915	Quick connect coupling
22	04-962	Pressure gauge
23	04-966	High flow regulator (Include 04-962)
24	603624	1", MPT Hex connector
25	NV2027	100' 3/8" diam. Breathing Air Supply Hose c/w Quick Release Fittings
	NV2028	25'
	NV2029	50'



POMPE POUR AIR AMBIANT DE TYPE RADEX

La pompe à air ambiant est une solution d'approvisionnement en air respirable à faible coût qui prend de l'air à partir d'un endroit propre pour alimenter des respirateurs à basse pression. Cette option convient aux applications qui ne nécessitent pas une alimentation en air de grade D et où le compresseur ne peut pas fournir d'équipement respiratoire supplémentaire.

En raison de l'alimentation en air à basse pression, ce système ne peut être jumelé avec toute la gamme de respirateurs et d'appareils de contrôle de débit disponibles par le biais du RPB. La seule installation qui est approuvée NIOSH est montrée ci-dessous.

N'UTILISEZ aucun autre respirateur ou dispositif de contrôle du débit sur ce système.



06-100

POMPE D'AIR AMBIANT

La pompe est équipée d'un filtre d'entrée, d'un élément filtrant de sortie et d'un manomètre.

CARACTÉRISTIQUES

Le tableau indique le nombre maximal autorisé de masques de protection respiratoire étanches ou de cagoules amples

N° de pièce	Nbre max de respirateurs	Nbre max de cagoules	Puissance requise	lb	hp	psi	cfm
06-100	2	1	8.3 A - 115/230 V	53	3/4	0-15	0-10



NV2035 (50')
NV2036 (100')

BOYAU D'ALIMENTATION EN AIR

Pour respirateur, vendu avec des raccords rapides, D.I. 1/2"
Disponible en 50' et 100'.

RESPIRATEUR NOVA 2000 AVEC VALVE À DÉBIT CONSTANT À BASSE PRESSION

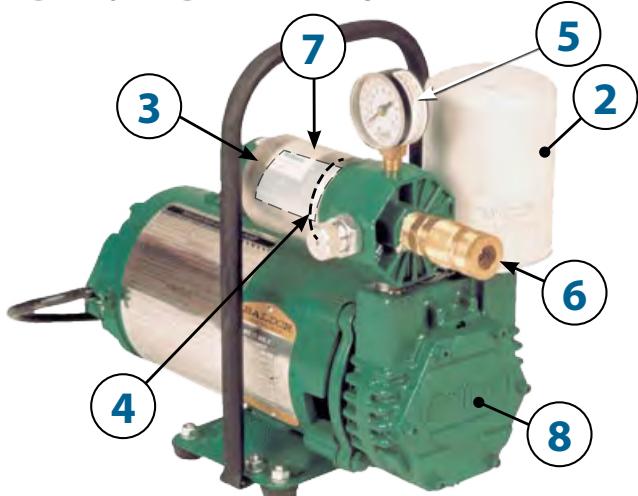
Le respirateur Nova 2000 est livré avec un tube respiratoire (NV2021B), une cape en nylon (NV2002) et une valve à débit constant basse pression (03-106).





AMBIENT AIR PUMPS, FILTRATION AND SUPPLY SYSTEMS

EDP-10 AMBIENT AIR PUMP



1	603101	Complete EDP-10 pump
2	603152	Inlet Filter
3	603150	Outlet filter
4	613284	"O" Ring (not illustrated)
5	603156	Gauge
6	603153	Quick connect coupler
7	613281	Filter bowl
8	603175	Service kit (not illustrated)

4-STAGE FILTRATION SYSTEM



A	603116	50 cfm portable filtration kit
B	903104	50 cfm stationnary filtration kit
1	603117	Replacement filter kit
2	603123	Rechargeable battery
3	603118	Carbon monoxide detector

1 RPB AMBIENT AIR PUMP



1	06-100	Complete Ambient Air Pump
2	9700-04	Pressure Gauge
3	9700-72AD	1/2" Hansen Coupler
4	9700-08	Inlet Filter Assembly (Includes 9700-01)
5	9700-03	Pressure Relief Valve
6	9700-15	Exhaust Filter Canister
7	9700-01	Inlet Filter Element
8	9700-02	Exhaust Filter Element

A RPB GX-4 GAS MONITOR



A	08-400-01	Complete RPB GX-4 Gas Monitor (10 ppm)
1	08-431	Battery Clips
2	08-420-xx	Carbon Monoxide or Hydrogen or Oxygen Sensors
3	08-428	Air Supply Hose and One Touch Connector
4	08-424	GX-4 Field Case
5	08-435	Optional Auxiliary Strobe Light c/w 50' Cable



ABRASIVES

ALUMINIUM OXIDE



Widely used as a cutting abrasive. Produces excellent "anchor" or "tooth" patterns in preparation for recoating.

Excellent for deburring, frosting glass and lettering stone. It is extremely fast cutting and can be reused many times.

Manufactured from high grade ore and is chemically inert.

Classified in various sizes for a wide selection of finishes.

Code	Grit size	US Standard screen	Sieve opening		
			Inches	Millimeters	Microns
635101	18	10 - 25	.0787 - .0280	2.00 - 0.71	2000 - 710
635105	20	10 - 30	.0787 - .0234	2.00 - 0.59	2000 - 590
635104	24	14 - 40	.0555 - .0165	1.41 - 0.42	1410 - 420
635108	30	16 - 45	.0469 - .0139	1.19 - 0.35	1190 - 350
635106	36	18 - 50	.0394 - .0117	1.00 - 0.297	1000 - 297
635107	48	25 - 70	.0278 - .0083	0.71 - 0.210	710 - 210
635109	54	30 - 80	.0232 - .0070	0.59 - 0.177	590 - 177
635110	60	35 - 100	.0197 - .0059	0.50 - 0.149	500 - 149
635114	70	40 - 120	.0165 - .0049	0.42 - 0.125	420 - 125
635118	80	45 - 140	.0139 - .0041	0.35 - 0.105	350 - 105
635120	90	50 - 170	.0117 - .0035	0.297 - 0.088	297 - 88
635122	100	60 - 230	.0098 - .0025	0.250 - 0.063	250 - 63
635125	120	70 - 270	.0083 - .0021	0.210 - 0.053	210 - 53
635131	150	80 - 325	.0070 - .0017	0.177 - 0.044	177 - 44
635135	180	100 - 400	.0059 - .0015	0.149 - 0.037	149 - 37
635141	220	120 - 30 microns	.0049 - .0012	0.125 - 0.030	125 - 30
635144	240	140 - 20 microns	.0041 - .0008	0.105 - 0.020	105 - 20

Bags = 50 lb Pallet = 40 bags

METAL GRIT/SHOT



The most popular type of shot and grit is made from chilled iron. There are two kinds of granules like :

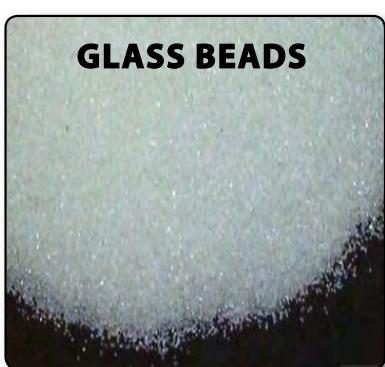
SHOT is a solid round particle causing a peening action and producing a smooth surface. Its heavy weight gives greater impact and hammering action for cleaning heavy forgings and removing heat treating scale.

GRIT is angular and like thousands of tiny chisels and cutting tools, does a fast cleaning job. Produces an ideal surface for adherence of new coatings. Often the shot and the grit will be mixed to achieve different finishes.



ABRASIVES (CONT'D)

GLASS BEADS



One of the most popular abrasives used in cabinets today. Ideal for honing, polishing, penning, finishing and removing light burrs and foreign matter, such as carbon and surface residue from pistons and valves with no base metal removal or dimensional change.

Produces bright satin finish.

The applications are extensive, due to the wide range of screen sizes available.

Code	Size	US Standard screen
635003	BT3	20 - 30
635004	BT4	30 - 40
635005	BT5	40 - 60
635006	BT6	40 - 70
635007	BT7	50 - 80
635008	BT8	60 - 120
635009	BT9	80 - 120
635010	BT10	100 - 170
635012	BT12	120 - 270
635013	BT13	170 - 325

Bags = 50 lb Pallet = 40 bags

JET MAG



SYNTHETIC OLIVINE PYROXENE SANDS FOR BLAST CLEANING

ADVANTAGES :

- offers excellent sanding quality and its cost/performance ratio is highly competitive. It allows either more rapid cleaning and/or reduces consumption of sand.
- Because of its chemical and mineral composition, Olimag is a non-toxic material. It thus improves the quality of the work-place for sanders and other construction site employees. Less than 1% free silica.
- Reduced dumping charge (less material to dispose of).

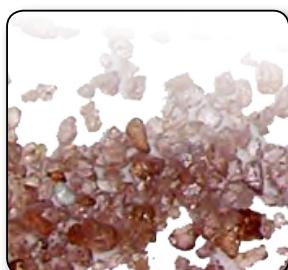
CODE	N°	USES
635202	4 à 6	Harder rust, deep cavities, boat and bridge reconditioning. Painted or rust steel, pre-metallization, concrete (decorative aggregates)
635203	2.5 à 4	New steel, structural steel, industrial equipment, weight machinery, trucks.
635207	2 à 3	New and painted steel light rust, trucks (nozzle 1/8")
635204	1.5 à 2.5	Cars (body shop), smooth finish, new steel (nozzle 1/8")

Bags = 55 lb Pallet = 56 bags



GMA GARNET™

ABRASIVES (END)



GMA Garnet™ consists of totally natural almandine garnet known for its natural hardness, durability and abrasive characteristics. It is free of any heavy metals or toxic components and meets all Occupational Health & Safety requirements.

It does not contain metallic iron, which is suitable for all areas of the surface preparation of stainless steel, anti-magnetic steel, and any special alloys.

Bags = 55 lb Pallet = 40 bags

CODE	GRIT SIZE	SIEVE OPENING (MESH)
636108	3040	30/40
636107	3060	30/60
636118	80	80
636125	120	120
636131	150	150



This relatively new dust-free abrasive is a special alloy of plastic material that has high tensile, compressive and flexural strength combined with comparatively low hardness.

Used for deflashing plastic parts and cleaning molds, dies, electronic connections and circuit boards.

It can effectively deburr machined iron castings, zinc or aluminum die castings and non-ferrous screw machine parts in addition to deflashing molded plastic parts.

TYPE	BARCOL HARDNESS		
T-2 Urea	54-62		
T-3 Melamine	64-72		
T-5 Acrylic	46-54		
635204	1.5 à 2.5	Cars (body shop), smooth finish, new steel (nozzle 1/8")	

CONVERSION TABLE

Mesh	inch	µm	mm
3	0.2650	6730	6.730
4	0.1870	4760	4.760
5	0.1570	4000	4.000
6	0.1320	3360	3.360
7	0.1110	2830	2.830
8	0.0937	2380	2.380
10	0.0787	2000	2.000
12	0.0661	1680	1.680

Mesh	inch	µm	mm
14	0.0555	1410	1.410
16	0.0469	1190	1.190
18	0.0394	1000	1.000
20	0.0331	841	0.841
25	0.0280	707	0.707
30	0.0232	595	0.595
35	0.0197	500	0.500
40	0.0165	400	0.400

Mesh	inch	µm	mm
50	0.0117	297	0.297
60	0.0098	250	0.250
70	0.0083	210	0.210
80	0.0070	177	0.177
100	0.0059	149	0.149
120	0.0049	125	0.125
140	0.0041	105	0.105
170	0.0035	88	0.088

Mesh	inch	µm	mm
200	0.0029	74	0.074
230	0.0024	63	0.063
270	0.0021	53	0.053
325	0.0017	44	0.044
400	0.0015	37	0.037



AIR CONSUMPTIONS BLASTING SYSTEMS

PRESSURE

Nozzle I.D. ⁴	Units	WORKING PRESSURES (psi) ²												
		20	25	30	35	40	45	50	60	70	80	90	100 ⁰	
$\frac{1}{8}''$	cfm ¹	7	7	8	9	10	12	13	14	15	17	19	20	25
	lb/h ³	48	48	55	62	69	73	77	82	110	127	140	154	192
$\frac{3}{16}''$	cfm ¹	15	16	18	20	22	24	26	30	33	38	41	45	55
	lb/h ³	94	101	114	127	140	153	166	192	220	243	268	297	363
$\frac{1}{4}''$	cfm ¹	27	30	34	37	41	45	49	55	61	68	74	81	97
	lb/h ³	174	193	219	251	276	303	329	369	398	460	504	556	666
$\frac{5}{16}''$	cfm ¹	42	46	53	57	65	70	76	88	101	113	126	137	152
	lb/h ³	254	278	320	345	394	425	462	528	680	756	832	910	1010
$\frac{3}{8}''$	cfm ¹	55	63	76	82	91	100	109	126	143	161	173	196	220
	lb/h ³	374	428	517	558	620	682	744	860	970	1080	1184	1296	1454
$\frac{7}{16}''$	cfm ¹	72	85	100	112	124	137	149	170	194	217	240	254	300
	lb/h ³	488	576	678	759	835	840	908	1160	1320	1476	1630	1782	2104
$\frac{1}{2}''$	cfm ¹	96	112	129	146	165	179	195	224	252	280	309	338	392
	lb/h ³	629	734	845	976	1103	1197	1305	1500	1700	1890	2088	2277	2640
$\frac{5}{8}''$	cfm ¹	173	195	212	239	260	282	308	356	404	452	504	548	611
	lb/h ³	1081	1219	1325	1470	1600	1716	1875	2140	2422	2690	2973	3250	3623

SUCTION

NOZZLE I.D. ⁴	PRESSURES (psi) ²					
	40	50	60	70	80	100 ⁰
$\frac{1}{4}''$	12	15	17	19	21	26
$\frac{5}{16}''$	19	23	27	30	34	42
$\frac{3}{8}''$	27	33	38	43	48	58
$\frac{7}{16}''$	38	46	52	60	65	80
$\frac{1}{2}''$	49	58	67	76	85	94

LEGEND

⁰ Optimal pressure

¹ cfm: compressed air required in cubic feet minute

² psi: pounds per square inch

³ lb/h: abrasive consumption in pounds per hour

⁴ Nozzle I.D.: nozzle interior diameter



VARIOUS ACCESSORIES



Angular Nozzle

Excellent for hard to reach places. Increases productivity . Saves abrasive.



Interior Tube Blasting Nozzle 4" to 12" I.D.

Spinning nozzle for interior cleaning of tubes 4" to 12" I.D. Requires 250 cfm minimum. Very effective for large tubes.

#917507



Sandblasting nozzle for tube interior 1" to 4" I.D.

Special deflector nozzle for inside blasting of tubes from 1" to 4". Circular projection of abrasive deflection by creating a circular 360 ° cover . Requires 85 CFM minimum.

#617500



LED Sandblast Light

Can be mounted directly on sandblast hose for direct lighting on surface being clean.

#604041



Water Injector Nozzle

Can be used with your sandblasting equipment. Excellent to reduce sanding dust.

#604040



Water Adaptor for Sandblasting Nozzle

Add water to your sandblasting nozzle. Reduces sandblasting dust.



Sandblast Suits

IST offers a range of superior quality blast suits designed to produce the ultimate protection for workers, while increasing the comfort and productivity. We all know sandblasting can be a very harsh environment and demanding for workers. A properly designed suit for protection will allow workers to move freely and blast safely.



UPGRADES LIST

Check your equipment serial number in order to find out which replacement part number is compatible for your system.

ECONOBLAST SERIES SANDBLAST CABINET

Description of the modification	Year of modification	Models affected	Effective starting Serial #
Replacement of the halogen projector model and introduction of a LED projector upgrade kit	2007	ECONO26	MS-20A1-0442
Halogen bulb 250 W unchanged:#617127		ECONO36	MS-32A1-0427
Protective glass for 1 st generation projector:#610213		ECONO48	MS-22A1-0058
Protective glass for 2 nd generation projector:#610206			
LED projector upgrade kit:#617131			
Lighting system upgrade from halogen/LED projector to LED fixture. There is no upgrade kit, the modification must be made by IST or by the customer.	2017	ECONO26	MS-20A1-0610
New LED fixture:#617161		ECONO36	MS-32A1-0502
New LED fixture protective glass:#610322		ECONO48	MS-22A1-0082

ECAB SERIES SANDBLAST CABINET

Description of the modification	Year of modification	Models affected	Effective starting Serial #
Lighting system upgrade from lightbulbs to LED fixture	2017	ECAB3	MS-20B1-2662
Old LED bulb:#617130		ECAB5	MS-32B1-0199
Protective glass of the old lightbulb system:.....#610202			
New LED fixture:#617161		ECAB7	MS-22B1-1391
New LED fixture protective glass:#610322			

M SERIES SANDBLAST CABINET

Description of the modification	Year of modification	Models affected	Effective starting Serial #
Lighting system upgrade from neon tube to LED fixture			
Old 24" neon fixture for models 48" or less models:..... #617141	2016	All Industrial M Series Cabinets	Contact IST
Old 24" neon tube for models 48" or less models:#617150			
Old 48" neon fixture for models larger than 48":#617145			
Old 48" neon tube for models larger than 48":#617151			
Protective glass for models 48" or less unchanged:#610212			
Protective glass for models larger than 48" unchanged: #610211			
New 24" LED fixture for models 48" or less:#617161			
New 48" LED fixture for models larger than 48": #617160			
LED Upgrade Kit for models 48" or less:#617162			
LED Upgrade Kit for models larger than 48":#617163			