

International Perfecto2AW (IRC5PO2AW)

Oxygen Concentrator



Yes, you can.

Parts Catalog Usage Guide

The information contained in this document is subject to change without notice. This catalog contains service parts for Form No. 08-076. If you have any questions regarding this catalog, please contact one of our Customer Service Representatives.

For EU Customer Service Support See Page #3-4:

**Literature Can Be Found at:
www.invacare.com or
1-800-828-6272**

SYMBOL DEFINITION

Throughout this catalog you will notice letters to draw your attention to specific footnotes which are located at the bottom of the page or below specified charts.

Examples:

A,B,C etc. = Special Comments
NOTE: = General information pertaining to that specific page
NLA = No Longer Available

HARDWARE MEASUREMENTS

The measurements for the hardware will be listed as follows:

Screws, Bolts Diameter X Thread Count/Pitch X Length
Washers Inside Diameter X Outside Diameter X Thickness
Spacers Inside Diameter X Outside Diameter X Length

For your convenience, we have supplied an area for you to list your Invacare Representatives.

Name	Phone Numbers

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EU Customer Service Contacts

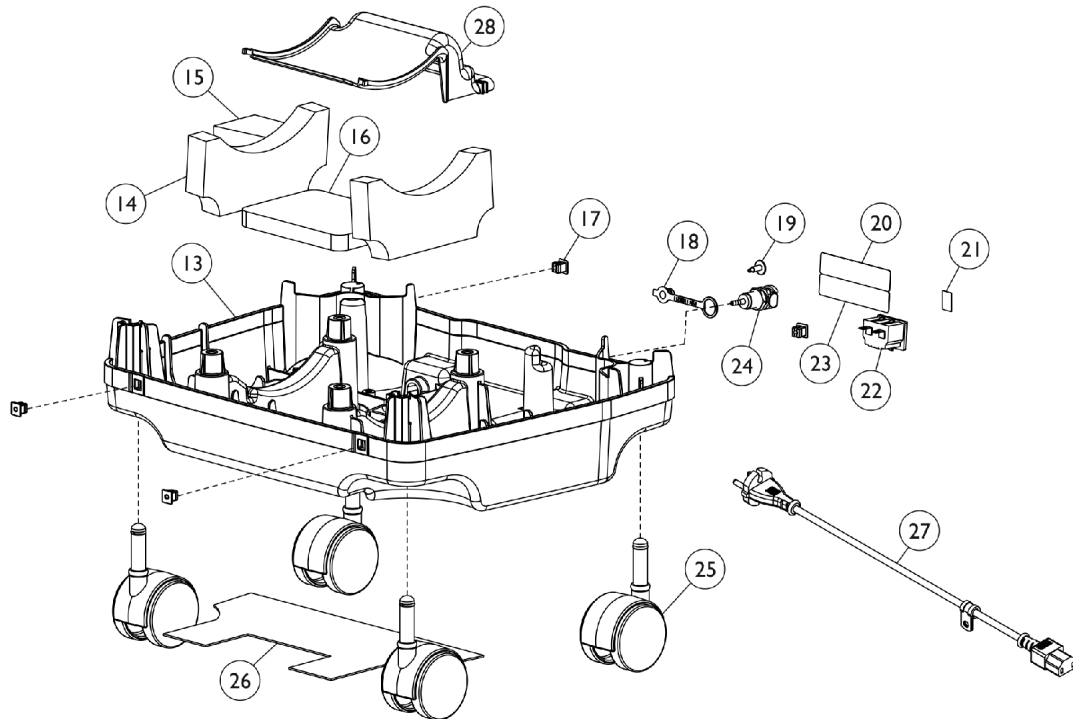
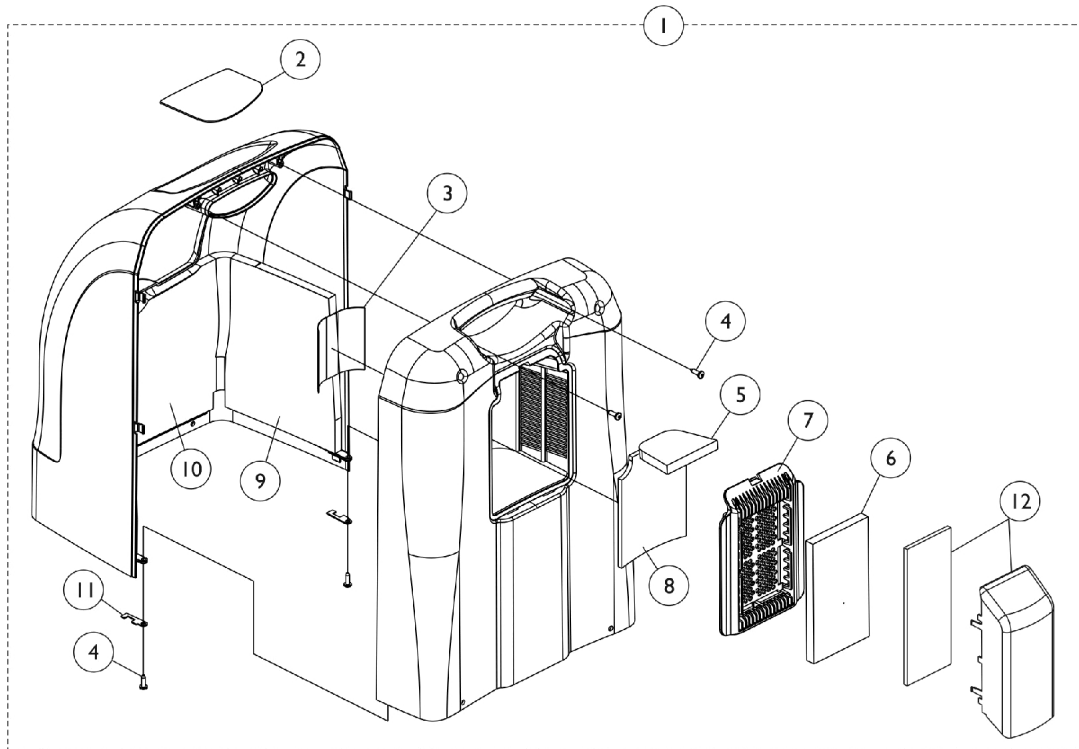
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Cabinet and Base

Perfecto2 AW



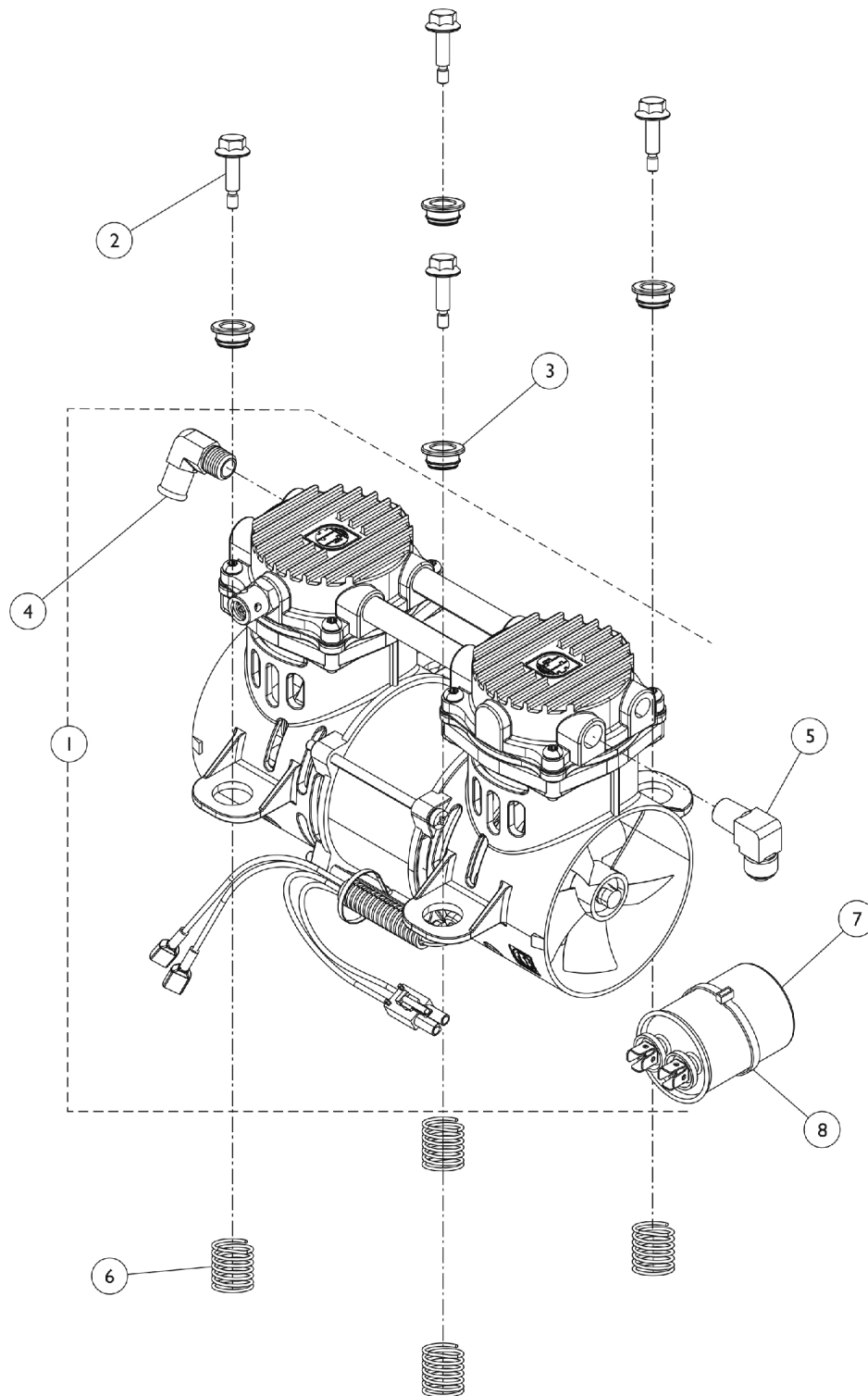
Cabinet and Base Perfecto2 AW

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	E,A	1154095-NLA	NLA - Tech Only - Top Shroud Assembly, Beige	1	1
2		1150725-NLA	NLA - Label, Text, English	1	1
3		1137267	Label, Diagnostic	1	1
4		1108810	Screw, Hi-Lo Six Lobe Drive (#10-16 x 5/8")	1	4
5		1153695	Foam, Inlet - Ceiling	1	1
6		1143492	Filter, Cabinet	1	1
7	E,F	1161831	Door, Cabinet Access, Beige	1	1
8		1153700	Foam, Inlet - Wall	1	1
9		1143465	Foam, Shroud - Side	1	2
10		1143464	Foam, Shroud - Front	1	1
11		1143550	Clip, Retaining	1	2
12	B	1156532	Inlet Air Scoop Assembly	1	1
13	C	1143451-NLA	NLA - Tech Only - Base, Concentrator	1	1
14		1153706	Foam, Damping - Base	1	2
15		1154501	Foam, Resonator	1	1
16		1153705	Foam, Damping Outlet Base	1	1
17		2000360	Grommet, Plastic	1	4
18		1108211	Cap, End, Dust, Green	1	1
19		1156530	Screw, Phillips Round Washer Head Tap (8-18 x 1/2")	1	1
20		1153702-NLA	NLA - Label, Spec (230V)	1	1
21		1136841-NLA	NLA - Label, Recycling	1	1
22		1105515-NLA	NLA - Tech Only - Module, Inlet (15A/ 250 VAC)	1	1
23		1143250	Label, European Rep Address	1	1
24		1104151	Fitting, Hose Barb with Nut (1/8")	1	1
25		1110426	Caster Assembly (2")	1	4
26		1153704	Damper, Sound Base	1	1
27		1156533-NLA	NLA - Tech Only - Power Cord Assembly w/ Clip	1	1
28		1143444-NLA	NLA - Tech Only - Baffle, Exhaust	1	1

NOTE: A - Includes Cabinet and Items 2-11. This item is No Longer Available in the US. This item comes from China only.
 B - Includes Inlet Foam and Scoop.
 C - Includes Base Only.
 E - Color was "Graphite" before 1/16/2009.
 F - Cabinet Access Door was revised 10/16/09 to allow the Cabinet Filter to be assembled to the outside of the Cabinet Access Door. The Cabinet Access Door is backward compatible in the field for models manufactured before 10/16/09.

Compressor and Mounting Hardware

Perfecto2 AW



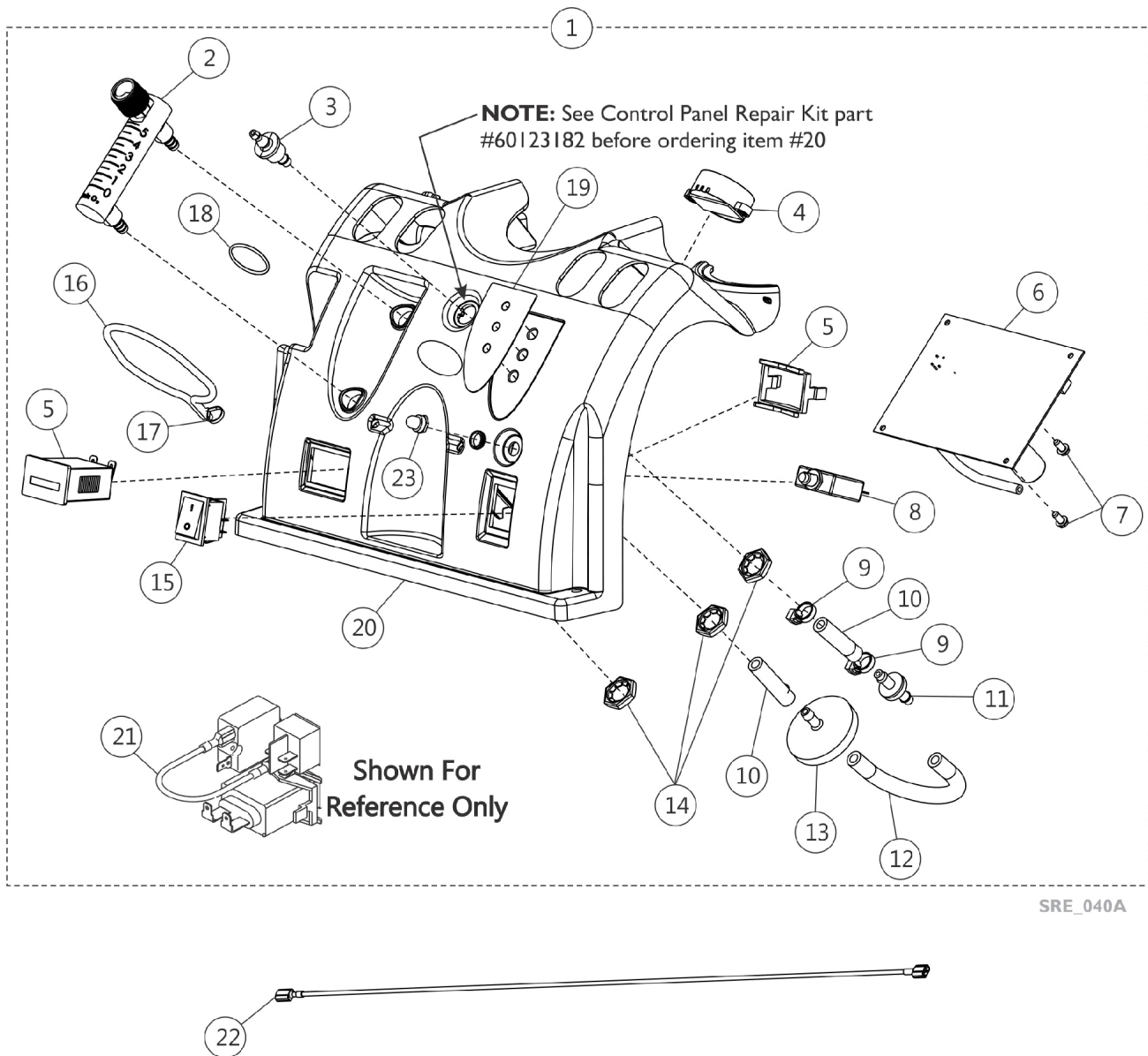
Compressor and Mounting Hardware

Perfecto2 AW

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1	A	1154100-NLA	NLA - Tech Only - Compressor Assembly w/ Capacitor	1	1
2		1143461	Screw, Hex Head Flange (1/4-20 x 7/8")	1	4
3		1143462	Bushing, Mounting	1	4
4		1108819	Fitting, Elbow (1/2" Beaded Hose x 1/4" NPT)	1	1
5	C	1143489	Elbow, Male Flare	1	1
6		1143460	Spring, Compression (63/64 x 1-1/4 x 1/16")	1	4
7	B	1131250KIT	Kit, Capacitor (10 MFD)	1	1
			NLA - Tech Only - Capacitor, 10 MFD	1	1
			Tie Wrap (17-1/2" L)	1	1
			Tie Wrap (8" L)	1	2
			Instruction Sheet, Capacitor Replacement	1	1
8		1018239	Tie Wrap (17-1/2" L)	1	1
NOTE: A - Includes (1) Compressor, and Items 4, 5, and 7. You will also need to order (1) Tie Wrap Part #1018239. B - Includes (1) 10MFD Capacitor and (2) Tie Wraps. C - When ordering a replacement compressor, you should order 1143557 Heat Exchanger, when replacing a unit manufactured between 5/17/11 and 7/20/11.					

Control Panel and P.C. Board

Perfecto2 AW



Control Panel and P.C. Board Perfecto2 AW

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1154098-NLA	NLA - Control Panel w/ SensO2 Assembly - PO2AW	1	1
2		1110561	Flowmeter without Palnuts - 5 Liter	1	1
3		2000473	Connector, Barbed (1/4")	1	1
4		1143503	Horn/Alarm Assembly	1	1
5		2002939-NLA	NLA - Tech Only - Hour Meter Assembly with Clip	1	1
6		1143486	PCB Assembly - PO2/PO2W	1	1
6		1143486E	WARR RPLMT - PCB Assembly - PO2/PO2W	1	1
7		1143499	Screw, Phillips Hex Washer Head (#8-16 x 3/8)	1	2
8		1110824-NLA	NLA - Tech Only - Circuit Breaker (4 AMP)	1	1
9		2001682	Tie Wrap (8" L)	1	2
10		1110473	Tubing, PVC (1/4 x 1-3/4")	1	2
11		2000436	Check Valve, Barb (5/16")	1	1
12		1143144	Tubing, PVC (1/4 x 5")	1	1
13		P0750X030	Filter, Patient HEPA Outlet	1	1
14		2000507	Palnut (9/16-18)	1	3
15		1139950	Switch, Powe On/Off	1	1
16		60125500	Cord, Elastic	1	1
17		1006525	Tie Wrap (3-29/32" L)	1	1
18		1095497	Decal, Invacare Logo (1.6)	1	1
19		1143479	Label, LED - PO2/PO2V/PO2W	1	1
20	D	1143469	Panel, Control	1	1
	C,D	60123182	Kit, Control Panel Repair	1	1
			Plate, External Outlet Port	1	1
			Plate, Internal Outlet Port	1	1
			Washer, Foam	1	1
			Tie Wrap (8" L)	1	1
			Manual, Service for Control Panel Repair	1	1
21		2001764	Jumper Wire Assembly	1	1
22		1143501-NLA	NLA - Power Jumper Assembly	1	1
23		1112562-NLA	NLA - Tech Only - Seal, Circuit Breaker	1	1
	A,B	1154101-NLA	NLA - Tech Only - Main Harness Assembly	1	1
	A,B	1143526	Wire Harness Valve Assembly	1	1
NOTE: A - Not Shown. B - Connects to PC Board. C - Not Shown D - Control Panel Repair Kit part #60123182 assembles to the Control Panel before attaching item #3 Brass Barbed Connector. This eliminates the need to replace a complete Control Panel.					

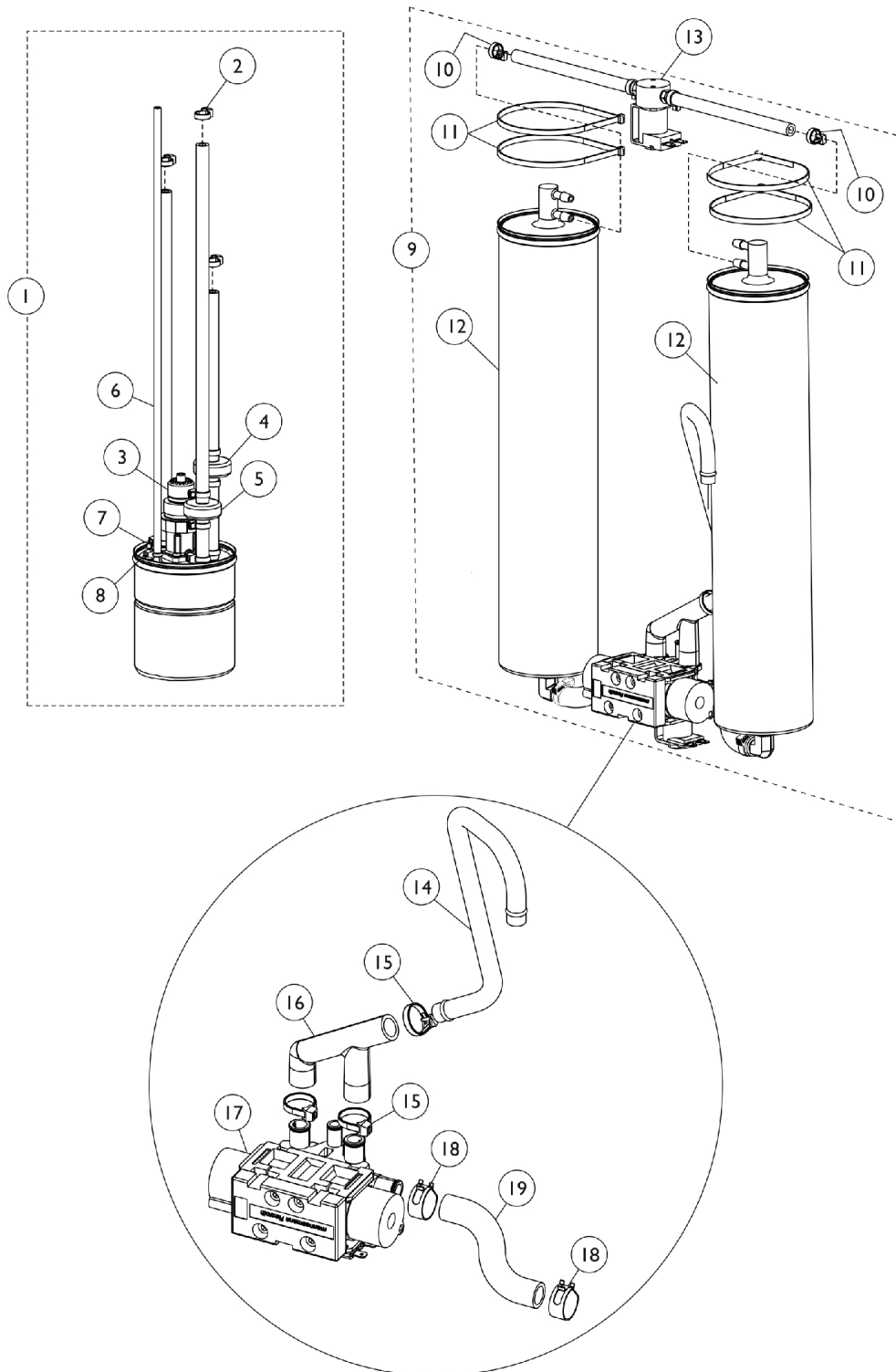
Packaging & Literature

Perfecto2 AW

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
	A,B	1161123	Kit, Packaging, Perfecto2	1	1
			Tech Only - Carton, Shipper	1	1
			Insert, Carton, Bottom	1	1
			Insert, Carton, Top, Corrugated	1	1
			Insert, Carton, Foam	1	1
			NLA - Bag, Poly (39" L x 33" W)	1	1
	A	1150713-NLA	NLA - Owner's Manual - English	1	1
	A	1155259	Kit, Manual/Text Label - Northern Europe	1	1
			Owner's Manual - Northern Europe	1	1
			Label, Text, French	1	1
			Label, Text, Italian	1	1
			Label, Text, German	1	1
			Label, Text, Polish	1	1
			Label, Text, Czech	1	1
	A	1155260	Kit, Manual/Text Label - Southern Europe	1	1
			Owner's Manual - Southern Europe	1	1
			Label, Text, French	1	1
			Label, Text, Italian	1	1
			Label, Text, Spanish	1	1
			Label, Text, Dutch	1	1
			Label, Text, Greek	1	1
			Label, Text, Portuguese	1	1
	A	1155261	Kit, Manual/Text Label - Scandinavian	1	1
			Owner's Manual - Scandinavian	1	1
			Label, Text, Danish	1	1
			Label, Text, Swedish	1	1
			Label, Text, Norwegian	1	1
			Label, Text, Finnish	1	1
	A	1160878	Instruction Sheet, Attaching Cord and Air Scoop	1	1
NOTE: A - Not Shown. B - Includes Shipper Carton, Top Insert, Bottom Insert, Foam Insert and Poly Bag.					

Sieve Bed Assembly and Product Tank

Perfecto2AW



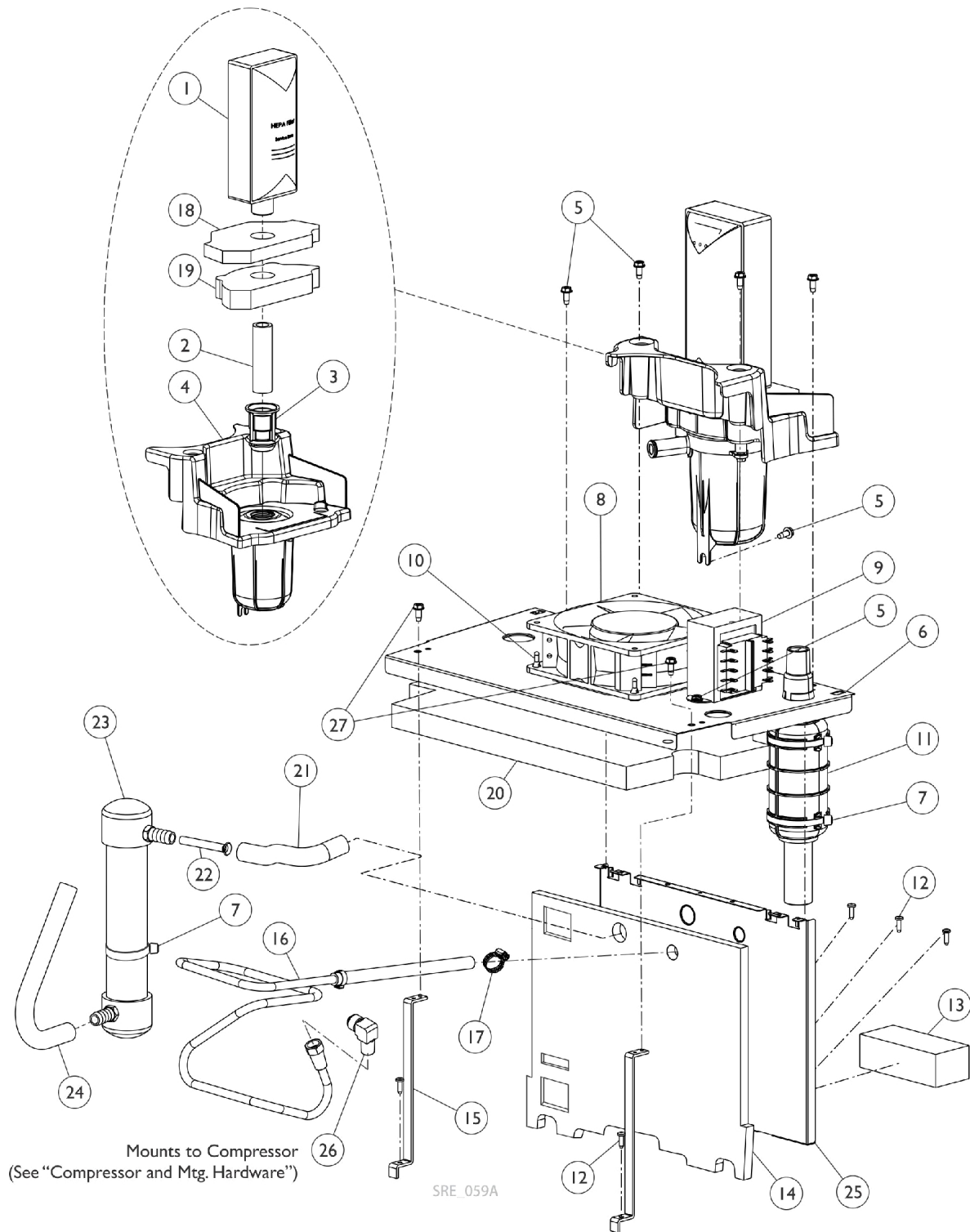
Sieve Bed Assembly and Product Tank

Perfecto2AW

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1182227	Product Tank Assembly w/ SensO2 Regulator	1	1
2		2001682	Tie Wrap (8" L)	1	3
3	G	1182500	Kit, Regulator/Adaptor w/ Bled Adaptor, Foam Mount and Check Valve Assy.	1	1
			Kit, Regulator and Adaptor w/ Bled Regulator Mount, Foam Product Tank	1	1
			Check Valve Assembly (14-1/2")	1	1
			Tie Wrap (17-1/2" L)	1	1
			Tie Wrap (8" L)	1	2
			Instruction Sheet, Contents and Application	1	1
4	A	1143544	Check Valve Assembly (9")	1	1
5	B	1182170	Check Valve Assembly (14-1/2")	1	1
6		1076275	Tubing, Tygon (1/8 x 18")	1	1
7		1157641	Restrictor, Teal	1	1
8		1070050	Tie Wrap (3-29/32" L)	1	3
9	C,J	1161257	Kit, Sieve Beds (Pair)	1	1
10			Tie Wrap (8" L)	1	2
11			Tie Wrap (17-1/2" L)	1	4
12			Sieve Bed Assembly	1	2
10		2001682	Tie Wrap (8" L)	1	2
11		1018239	Tie Wrap (17-1/2" L)	1	4
13		1143578	PE Valve Assembly	1	1
13		1149649	Kit, PE Valve w/ Fittings	1	1
			Valve, PE w/ Restrictor (24V Coil)	1	1
			NLA - Fitting, Barb (1/4 x 1/8")	1	2
14		1143447	Tube, Exhaust	1	1
15		2001682	Tie Wrap (8" L)	1	3
16		1143446	Tube, F	1	1
17	E	1143556-NLA	NLA - Tech Only - Manifold/Valve Assembly	1	1
	F	1101141	Kit, 4-Way Valve w/ Screws	1	1
	H	2003052	Valve, Operator Pilot	1	1
		1085112	O-Ring, Pilot Valve (35/64" I.D.)	1	1
18	D,I	1160798-NLA	NLA - Clamp, Hose Spring (1/2")	1	4
18		P0876X026	Clamp, Hose	1	4
19		1188708	Tube, Polyurethane, Preformed (1/2")	1	2
NOTE: A - Includes (1) Valve, (2) Tie Wraps, (1) 6" Tubing and (1) 3" Tubing. B - Includes (1) Valve, (2) Tie Wraps, (1) 10" Tubing and (1) 4-1/2" Tubing. C - Includes items 10-12 D - Plastic Clamp replaced with a Spring Clamp 9/12/08 E - Includes (1) Valve, 4-Way with Screws, (1) Pilot Valve O-Ring, (1) Air Manifold, (1) Operator Pilot Low Power Valve F - Includes the 4-Way Valve with Screws only G - Kit includes the Regulator, Adaptor, Restrictor, Mount, Check Valve Assembly, Tie Wraps and Instruction Sheet. H - A new Pilot Valve O-Ring part #1085112 is recommended when ordering 2003052. I - No Longer Available. Use part #P0876X026 as a replacement. J - May contain reactivated sieve.					

Sound Box Assembly

Perfecto2 AW



Sound Box Assembly Perfecto2 AW

Item Number	Note	Part Number	Description	Quantity Per	
				Package	Assembly
1		1131249	Filter, Inlet Sound Reduced	1	1
2		1153703-NLA	NLA - Tube, Clear (1/2 x 2-3/4")	1	1
3		1106675	Coupling, Inlet Filter	1	1
4		1143435	Resonator Assembly	1	1
5		1128404	Screw, Phillips Hex Washer Head (#8-32 x 3/8")	1	7
6		1143473	Soundbox, Horizontal	1	1
7	A	2001682	Tie Wrap (8" L)	1	3
8		1136943-NLA	NLA - Tech Only - Fan, Exhaust	1	1
9		1153690-NLA	NLA - Tech Only - Transformer Assembly, 20V - PO2AW	1	1
10		1143491	Rivet, Isolator Mount	1	4
11		1143554	Muffler Assembly	1	1
12		1108810	Screw, Hi-Lo Six Lobe Drive (#10-16 x 5/8")	1	5
13		1147917	Mount, Foam Valve 4-Way	1	1
14		1154030	Foam, Soundbox - Vertical	1	1
15		1143474	Gusset, Soundbox	1	2
16	B	1172007-NLA	NLA - Heat Exchanger Assembly	1	1
16	C	1186169	Heat Exchanger Assembly	1	1
17		1143582	Clamp, Hose Adjustable (3/8")	1	1
18		1153693	Foam, Resonator - Top	1	1
19		1153694	Foam, Resonator - Bottom	1	1
20		1153699	Foam, Soundbox - Ceiling	1	1
21		1153707	Tube, Resonator Inlet Preformed	1	1
22		1153692-NLA	NLA - Tube, Inlet Silencer	1	1
23		1153788	Resonator, Inlet	1	1
24		1153708-NLA	NLA - Tube, Resonator Outlet Preformed	1	1
25		1143445-NLA	NLA - Soundbox, Vertical	1	1
26		1143489	Elbow, Male Flare	1	1
27		60127442	Screw, Slot Hex (10-16)	1	2
NOTE: A - After the date 01/31/11. This number is the replacement number for 1006525 and 2001694. B - No longer available. Use 1143557 as its replacement. C - When ordering this part, you must also order 1143489.					

Warranty Replacement Parts

Part Number	Description	Quantity per Assembly
1143486E See Note(s) A	WARR RPLMT - PCB Assembly (PO2/PO2W)	1
NOTE: A - See "Control Panel and PC Board (Perfecto2/PerfectoW)" Category for more information.		

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(Revised 07/18/22)

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