

OPC Basic & Super

Sturdy, Compact Flux Recovery Systems



- Robust and compact design
- Easy operation and maintenance
- Integrated system for maximum productivity with lower investment and service costs
- Adapts to any A2 or A6 welding system - mobile or stationary
- Uses only compressed air - safe and inexpensive
- Can be integrated into complete FFRS flux feeding and recovery system
- Three filter types; filter bag for A2 applications, cyclone filter with filter bag for most A6 applications, and Tedak filter for heavy-duty applications
- OPC system includes: ejector, cyclone, filter with attachment hardware, securing strap, suction hose and four suction nozzles (for normal and large butt welds, and left and right fillet welds)



OPC Basic Flux Recovery System

- Works on ejector principle using compressed air
- Cyclone separator, on top of flux hopper, efficiently separates dust from recovered flux
- Slag is separated and flux is returned to hopper

OPC Super Flux Recovery System

- Similar to basic system but with stronger ejector and cyclone - provides better suction
- Can also be used with preheated flux

Specifications

	OPC Basic	OPC Super
Airflow capacity:		
at working pressure 58 psi (cfh)	371	890
at working pressure 72 psi (cfh)	477	1059
at working pressure 87 psi (cfh)	530	1229
Max working pressure, psi (cfh)	87	87
Max suction height:		
at working pressure 58 psi, cfh	31	40
at working pressure 72 psi, cfh	31	48
at working pressure 87 psi, cfh	31	55
Sound level at work, dB	70	72
Max working temperature, °F (°C)	266 (130)	302 (150)
Short term temperature, °F (°C) ²	338 (170)	374 (190)

¹Suction height with normal flux bead and a welding speed of 39.3 ipm (100 cm/min).

²Tested with preheated flux to temp. max 428°F (220°C) and weld object temp. max 662°F (350°C).

Ordering Information

OPC Basic, with standard filter bag	0148140880
OPC Basic, with cyclone filter	0802415882
OPC Basic, with Tedak filter	0802415883
OPC Super (retrofit kit) ¹	0339719880
OPC Super complete, with cyclone filter	0802415892
OPC Super complete, with Tedak filter	0802415893

¹Excludes hose, nozzles and filter.

Options & Accessories

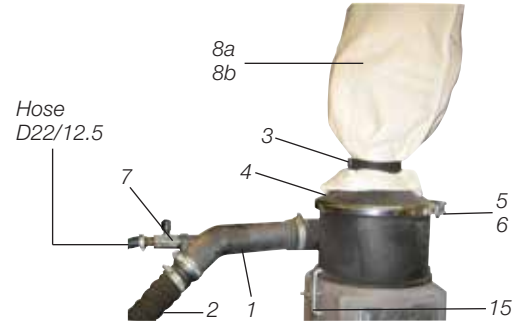
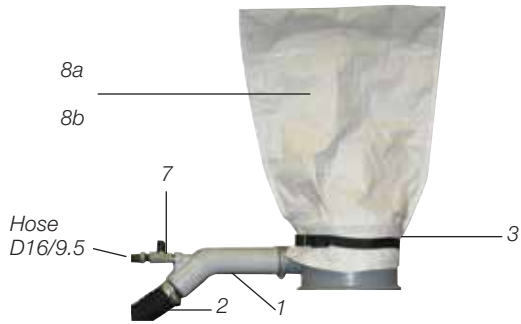
Air pressure hose 3/8 in. (9.5 mm)	0190343104
Air pressure hose 1/2 in. (12.7 mm)	0190343106
Dust exhaust hose Ø 63 mm, 2.5 in. (63.5 mm)	0193125003
Air central	0417714880
Plastic bag	0190665004
Filter bag, paper	0155966001
Filter bag, cotton	0332448001
Cyclone filter	0379538880
Tedak filter	0453708881



ESAB Welding and Cutting Products

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OPC Flux Recovery System Wear Parts

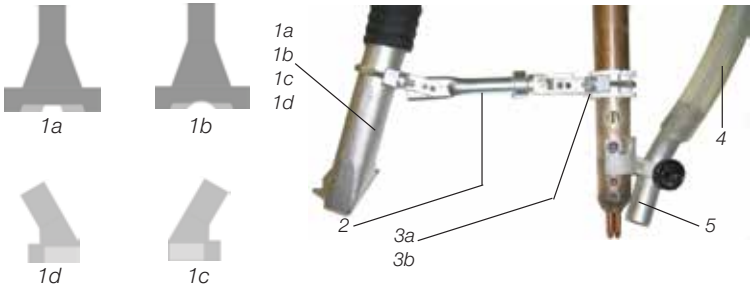


OPC Basic		
1	Ejector	0147640880
2	Hose ID 4000 D47/38	0379016001
3	Tension band	0192855002
4	Cone ¹	0148143001
5	Tension ring ¹	0148144001
6	O-ring, 189.3x5.7	0215201353
7	Ball valve	0145824881
8a	Filter, paper	0155966001
8b	Filter, cotton ¹	0332448001
9	Funnel	0148142001
10	Rubber lining	0145565001
11	O-ring 149.2x5.7	0215201345
12	Cyclone	0148141001
13	Rubber lining	0145073001
14	Tension spring	0145815001
16	Strainer	0020301780

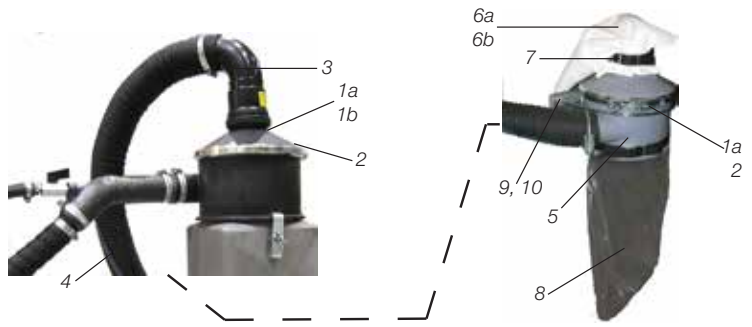
OPC Super		
1	Ejector	0339720001
2	Hose ID 4000 D47/38	0379016001
3	Tension band	0192855002
4	Cone	0332279001
5	Tension ring	0148144001
6	O-ring, 189.3x5.7	0215201353
7	Ball valve	0333625001
8a	Filter, paper	0155966001
8b	Filter, cotton ¹	0332448001
9	Funnel	0332280001
10	Rubber lining	0332282001
11	O-ring 149.2x5.7	0215201345
12	Cyclone	0332281001
13	Rubber lining	0332283001
14	Tension spring	0145815002
15	Clamp	0340612001
16	Strainer	0020301780



Suction Nozzle		
1a	Butt weld 1	0145501001
1b	Butt weld 2	0145502001
1c	Fillet weld left	0145504001
1d	Fillet weld right	0145505001
2	Nozzle bracket	0147384881
3a	Insulator D20	0145131004
3b	Insulator D35	0145131002
4	Flux hose, D32.0/25.0, free length/m, 1.6 ft. (0.5 m)	0443383001
5	Pipe bent	0153296001



Cyclone Filter		
1a	Cone basic	0148143001
1b	Cone super	0332279001
2	Tension ring	0148144001
3	Bend	0413576001
4	Spiral hose D67, 2/63	0193125003
5	Cyclone	0148141001
6a	Filter, paper	0155966001
6b	Filter, cotton ¹	0332448001
7	Tension band	0192855002
8	Plastic bag	0190665004
9	U-screw	0379600001
10	Bracket	0379599880



¹Optional item.