



COMPRESSED AIR TREATMENT
REDEFINED



OIL-X
COMPRESSED AIR FILTERS

Parker domnick hunter OIL-X; a new series of compressed air filters, taking efficiency to a different level.

Built on Parker's worldwide expertise in filtration, the OIL-X range has been developed to ensure consistent outstanding air quality, guaranteed for 12 months - and third-party validated to meet ISO 8573-1.

**MARKET
LEADING LOW
DIFFERENTIAL
PRESSURE**

Combining the unique filter element with a specially designed advanced air flow management system, the Parker domnick hunter OIL-X range is engineered to not only deliver air quality in accordance with ISO 8573-1 classifications, but it does so with an extremely low differential pressure - ensuring maximum efficiency and productivity.

- › **Unique filter element**
Specially constructed for reduced air flow velocity, reduced pressure loss, increased dirt holding capacity, and improved efficiency. Includes a 12-month air quality guarantee.
- › **Flow management system**
Specially engineered 'bell mouth', with 90-degree elbow, flow distributor and conical flow diffuser, to promote a consistent, optimum air flow.
- › **Filter housing**
Designed to allow easy maintenance and element replacement, and covered by a 10-year guarantee.
- › **Flexible connections**
A wide range of port sizes and filter connections, for added flexibility.
- › **Epoxy coating**
Finished with alocrom corrosion protection and a tough, dry powder epoxy coating for a high quality feel.

OIL-X Redefined

Grades AOP and AAP for Coalescing Liquids and Particle Removal in Compressed Air or Gaseous Nitrogen
Grade ACSP for Oil Vapour Removal

Filter coding examples

Cast aluminium filters P010 - P030 (1/4" to 1-1/2")

Example code				
Grade	Model	Pipe Size	Connection Type	Drain & Incident Monitor Option
AOP, AAP or ACSP	3 digit code denotes filter housing size	Letter denotes port size inches	G = BSPP N = NPT	FI = Float + Incident Monitor MI = Manual + Incident Monitor MX = Manual Drain - No Incident Monitor for ACSP FX = Not Available

P035 - P055 (1-1/2" to 3")

Example Code
Drain & Incident Monitor Option
FI = Float + Incident Monitor
MI = Not Available
MX = Manual Drain - No Incident Monitor for ACSP
FX = Not Available

P060 (4")

Example Code
Drain & Incident Monitor Option
FX = Float Drain only
MX = Manual Only
FI and MI - Not Available
DP sold separately

Filter Performance	Filter Type	Particle Removal (Inc. water & oil aerosols)	Max Remaining Oil Content at 21°C (7°F)	Filtration Efficiency	Test Methods Used	ISO12500-1 Inlet Challenge Concentration	Initial Dry Differential Pressure	Initial Saturated Differential Pressure	Change Element Every	Pre code With
WSP	Bulk Liquid Removal	Not Applicable	Not Applicable	>92%	ISO8573.9	Not Applicable	Refer Rated Flow Chart		Not Applicable	-
AOP	Coalescing (Liquid and Particulate)	Down to 1 Micron	0.5mg/m ³ 0.5 ppm(w)	99.925%	ISO8573-2 ISO12500-1	40 mg/m ³	<70 mbar (1.0 psi)	<125 mbar (1.8 psi)	12 months	WSP Bulk Liquid
AAP	Coalescing (Liquid and Particulate)	Down to 0.01 Micro	0.01mg/m ³ 0.01 ppm(w)	99.9999%	ISO8573-2 ISO12500-1	10 mg/m ³	<70 mbar (1.0 psi)	<125 mbar (1.8 psi)	12 months	AOP
AOP with Manual Drain	Dust (DRY Particulate)	Down to 1 Micron	Not Applicable	99.925%	ISO8573-4	Not Applicable	<70 mbar (1.0 psi)	N/A	12 months	-
AAP with Manual Drain	Dust (DRY Particulate)	Down to 0.01 Micro	Not Applicable	99.9999%	ISO8573-4	Not Applicable	<70 mbar (1.0 psi)	N/A	12 months	-
ACSP	Oil Vapour Removal	Not Applicable	0.003mg/m ³ 0.003 ppm(w)	Not Applicable	ISO8573-5	Not Applicable	<140 mbar (2.0 psi)	N/A	When Oil Vapour detected.	AAP

Technical Data	Filter Models	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
WSP010-WSP055 "FX"	"FX" standard configuration with Float Drain	1	15	16	232	2	35	80	176
WSP010-WSP055 "MX"	"MX" option with Manual Drain ONLY	1	15	20	290	2	35	80	176
AOP,AAP010-030 "FI"	"FI" standard configuration	1	15	16	232	2	35	80	176
AOP, AAP010-030 "MI"	"MI" option with Manual Drain	1	15	20	290	2	35	80	176
AOP, AAP035-055 "FI"	"FI" standard configuration	1	15	16	232	2	35	80	176
AOP, AAP035-055 "MX"	"MX" option with Manual Drain ONLY	1	15	20	290	2	35	100	212
ACSP010-055	"MX" standard configuration	1	15	20	290	2	35	50	122
ACSP060MX	"MX" standard configuration	1	15	16	232	2	35	50	122

Technical Data	Accessory detail	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
DPIK	Incident Monitor fitted as standard AOP and AAP010 to 030	0	0	20	290	2	35	80	176
ZD90GL and ZD90FL	optional calibrated analogue DP Gauge for AOP and AAP035 to 055	0	0	16	232	2	35	80	176
ZDE90GL and ZDE90FL	optional calibrated analogue DP Gauge for AOP and AAP035 to 055 with volt free contact	0	0	16	232	2	35	80	176
DPM-060	Incident Monitor for AOP and AAP060	0	0	16	232	2	35	66	150
PD15NO	Float Drain for 010 to 055 Filters	2	30	16	232	2	35	80	176
EM1	Manual Drain for 010 to 055 Filters	0	0	20	232	2	35	80	176
HDF120A	Float "Egg" Drain for 060 Filters	1	15	16	232	2	35	66	150
605006470	Manual Drain for 060 Filters	0	0	16	232	2	35	66	150
ED3002-N115K-K	Fully automatic, magnetic level sensing, electronic drain 230v 50-60Hz for 010 to 030	0	0	16	232	2	35	60	140
ED3004-N115-K	Fully automatic, magnetic level sensing, electronic drain 230v 50-60Hz for 035 to 055	0	0	16	232	2	35	60	140
ED3007-N115K-K	Fully automatic, magnetic level sensing, electronic drain 230v 50-60Hz for 060	0	0	16	232	2	35	60	140

OIL-X Bulk Water Separators

Bulk liquid removal in Compressed Air or Gaseous Nitrogen Systems

Delivering Filtration Efficiency > 92% based on ISO8573.9



Technical data

Grade	Water Separator Models	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
WS	P010 to P055	1	15	16	232	2	35	80	176
WS	P060	1	15	16	232	2	35	66	150

Product Selection

Stated flows are for operation at 100 psi g (7 bar g) with reference to 68°F (20°C), 14.5 psi g (1 bar g), 0% relative water vapor pressure.

Cast Aluminium Range	Model	Port NPT	Flow Rate				Height (H)		Width (W)		Depth (D)		Weight	
			cfm	m³/min	m³/hr	L/S	mm	ins	mm	ins	mm	ins	kg	lbs
			WSP010ANFX-US	1/4"	21	0.6	36	10	181	7.2	76	3.0	64	2.5
WSP010BNFX-US	3/8"	21	0.6	36	10	181	7.2	76	3.0	64	2.5	0.6	1.3	
WSP010CNFX-US	1/2"	21	0.6	36	10	181	7.2	76	3.0	64	2.5	0.6	1.3	
WSP015CNFX-US	1/2"	85	2.4	144	40	235	9.3	97	3.8	84	3.3	1.1	2.4	
WSP020DNFX-US	3/4"	85	2.4	144	40	235	9.3	97	3.8	84	3.3	1.1	2.4	
WSP025DNFX-US	3/4"	233	6.6	396	110	275	10.8	129	5.1	115	4.5	2.2	4.8	
WSP025ENFX-US	1"	233	6.6	396	110	275	10.8	129	5.1	115	4.5	2.2	4.8	
WSP030GNFX-US	1 1/2"	233	6.6	396	110	275	10.8	129	5.1	115	4.5	2.2	4.8	
WSP035GNFX-US	1 1/2"	742	21	1260	350	432	17	170	6.7	156	6.1	5.1	11.2	
WSP040HNFX-US	2"	742	21	1260	350	432	17	170	6.7	156	6.1	5.1	11.2	
WSP045INFX-US	2 1/2"	742	21	1260	350	432	17	170	6.7	156	6.1	5.1	11.2	
WSP050INFX-US	2 1/2"	1695	48	2880	800	504	19.9	205	8.1	181	7.1	10.0	22.0	
WSP055JNFX-US	3"	1695	48	2880	800	504	19.9	205	8.1	181	7.1	10.0	22.0	

Flow Correction Factors for pressure (CFP)

**MUST HAVE Manual Drain
Order "MX" Option**

Line Pressure	bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	psi g	15	29	44	58	73	87	100	116	131	145	160	174	189	203	218	232	248	263	277	290
Correction Factor		4.00	2.63	2.00	1.59	1.33	1.14	1.00	0.94	0.89	0.85	0.82	0.79	0.76	0.73	0.71	0.68	0.67	0.65	0.63	0.62

To correctly select a filter model, the flow rate of the filter must be adjusted for the minimum operating pressure of the system.

1. Obtain the minimum operating pressure and maximum compressed air flow rate at the inlet of the filter.
2. Select the correction factor for minimum operating pressure from the CFP table (always round down e.g. for 5.3 bar, use 5 bar correction factor)
3. Calculate the minimum filtration capacity: Minimum Filtration Capacity = Compressed Air Flow Rate x CFP
4. Using the minimum filtration capacity, select a WS model from the flow rate tables above (WS selected must have a flow rate equal to or greater than the minimum filtration capacity)
5. WS models are supplied with a float drain as standard. For pressures of 232 to 290 psi g (16 to 20 bar g), a manual drain must be used.

Benefits:

- For the removal of bulk condensed water and liquid oil
- Used to protect coalescing filters from bulk liquid contamination
- High liquid removal efficiencies at all flow conditions
- Helps provide air quality in accordance with ISO 8573-1:2001.
- Suitable for all compressed air applications.
- Suitable for all compressor types, including variable flow.
- Low pressure losses for low operational costs.
- Low lifetime costs.
- Helps reduce the release of CO2 into the environment.
- Lloyds & CRN registered

OIL-X Redefined GRADE AOP

"Oil-X Redefined, the unique low energy solution with independently validated performance."



Grade AO Coalescing Liquids and Particle Removal in Compressed Air or Gaseous Nitrogen

Particle Removal down to 1 micron Max Remaining Oil Content 0.5mg/m3 delivering Filtration of 99.925%

Initial Dry Differential Pressure <70mbar (1.0 psi) Initial Saturated Pressure drop <125mbar (1.8psi)

Technical Data AOP010-055 MODELS COME WITH FLOAT DRAIN & DPI AS STANDARD

Filter Grade	Filter Models	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
AOP	Threaded 010 to 060 with FLOAT drain	1	15	16	232	2	35	80	176
	Threaded 010 to 055 with MANUAL drain	1	15	20	290	2	35	80	176

Product Selection

Stated flows are for operation at 100 psi g (7 bar g) with reference to 68°F (20°C), 14.5 psi g (1 bar g), 0% relative water vapor pressure.

Model	Port Conn NPT	Incident Monitor	L/S	m ³ /min	m ³ /hr	cfm	Replacement Element Kit	No.
AOP010ANFI	1/4"	DPI Fitted	10	0.6	36	21	P010AO	1
AOP010BNFI	3/8"	DPI Fitted	10	0.6	36	21	P010AO	1
AOP010CNFI	1/2"	DPI Fitted	10	0.6	36	21	P010AO	1
AOP015CNFI	1/2"	DPI Fitted	20	1.2	72	42	P015AO	1
AOP020CNFI	1/2"	DPI Fitted	30	1.8	108	64	P020AO	1
AOP020DNFI	3/4"	DPI Fitted	30	1.8	108	64	P020AO	1
AOP025DNFI	3/4"	DPI Fitted	60	3.6	216	127	P025AO	1
AOP025ENFI	1"	DPI Fitted	60	3.6	216	127	P025AO	1
AOP030GNFI	1 1/2"	DPI Fitted	110	6.6	396	233	P030AO	1
AOP035GNFI	1 1/2"	DPI Fitted	160	9.6	576	339	P035AO	1
AOP040HNFI	2"	DPI Fitted	220	13.2	792	466	P040AO	1
AOP045INFI	2 1/2"	DPI Fitted	330	19.1	1188	699	P045AO	1
AOP050INFI	2 1/2"	DPI Fitted	430	25.9	1548	911	P050AO	1
AOP055INFI	2 1/2"	DPI Fitted	620	37.3	2232	1314	P055AO	1
AOP055JNFI	3"	DPI Fitted	620	37.3	2232	1314	P055AO	1
AOP060KNFX	4"	Sold Separately	1000	60.0	3600	2119	P060AO	3

Flow Correction Factors for pressure (CFP)

Line Pressure	bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	psi g	15	29	44	58	73	87	100	116	131	145	160	174	189	203	218	232	248	263	277	290
Correction Factor		2.65	1.87	1.53	1.32	1.18	1.08	1.00	0.94	0.88	0.84	0.80	0.76	0.73	0.71	0.68	0.66	0.67	0.65	0.63	0.62

MUST HAVE Manual Drain - Order "MX" Option

To correctly select a filter model, the flow rate of the filter must be adjusted for the minimum operating pressure of the system.

1. Obtain the minimum operating pressure and maximum compressed air flow rate at the inlet of the filter.
2. Select the correction factor for minimum operating pressure from the CFP table (always round down e.g. for 5.3 bar, use 5 bar correction factor)
3. Calculate the minimum filtration capacity: Minimum Filtration Capacity = Compressed Air Flow Rate x CFP
4. Using the minimum filtration capacity, select a filter model from the flow rate tables above (filter selected must have a flow rate equal to or greater than the minimum filtration capacity)
5. AO models are supplied with a float drain as standard. For pressures of 232 to 290 psi g (16 to 20 bar g), a manual drain must be used.

Accessory Kits (unless stated otherwise all Differential Pressure Monitors, Gauges and Drains have MAX Operating Pressure 232 psig)

Tie Rod kits (Filter Model / Number of)	
Part Number	Description
TRK1-2	010 x2
TRK2-2	015-020 x2 and 015-020x3
TRK3-2	025-030 x2 and 025-030 x3
TRK4-2	035-045 x2 and 035-045 x3
TRK5-2	050-055 x2 and 050-055 x3

Tie Rod Kit with Wall Mount Bracket(s) for Single Filter	
Part Number	Description
MBK1-1	010 x1
MBK2-1	015-020 x1
MBK3-1	025-030 x1
MBK4-1	035-045 x1
MBK5-1	050-055 x1
for 2 or 3 filters in series	
MBK1-2	010 x2 AND x3
MBK2-2	015-020 x2 AND x3
MBK3-2	025 - 030 x2 AND x3
MBK4-2	035 - 045 x2 AND x3
MBK5-2	050 - 055 x2 AND x3

DRAINS: Zero Loss ED, Automatic Float and Manual	
Part Number	Description
PD15NO	Float Auto 010-055
EM1	Manual Drain 010-055 (Max Op 20 bar G)
HDF120A	Float Auto 060
605006470	Manual Drain 060
ED3002-N115-K	Zero Loss 010 to 030
ED3004-N115-K	Zero Loss 035 to 055
ED3007-N115-K	Zero Loss 060
Differential Pressure Monitor(s) and Gauge(s)	
DPIK	DPI 010-030
ZD90GL	DP Gauge 035-055
ZDE90GL	DP Analogue Gauge 035-055 (Calibrated with Reed contact)
DPM-060	DPM kit 060 G4*

OIL-X Redefined GRADE AAP

"Oil-X Redefined, the unique low energy solution with independently validated performance."

Grade AA Coalescing Liquids and Particle Removal in Compressed Air or Gaseous Nitrogen

Particle Removal down to 0.01 micron Max Remaining Oil Content 0.01mg/m3 delivering Filtration of 99.9999%

Initial Dry Differential Pressure <70mbar (1.0 psi) Initial Saturated Pressure drop <125mbar (1.8psi)



Technical Data AAP010-055 MODELS COME WITH FLOAT DRAIN & DPI AS STANDARD

Filter Grade	Filter Models	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
AAP	Threaded 010 to 060 with FLOAT drain	1	15	16	232	2	35	80	176
	Threaded 010 to 055 with MANUAL drain	1	15	20	290	2	35	80	176

Product Selection

Stated flows are for operation at 100 psi g (7 bar g) with reference to 68°F (20°C), 14.5 psi g (1 bar g), 0% relative water vapor pressure.

Cast Aluminium Ported Filters	Model	Port Conn NPT	Incident Monitor	L/S	m ³ /min	m ³ /hr	cfm	Replacement Element Kit	No.
	AAP010ANFI	1/4"	DPI Fitted	10	0.6	36	21	P010AA	1
AAP010BNFI	3/8"	DPI Fitted	10	0.6	36	21	P010AA	1	
AAP010CNFI	1/2"	DPI Fitted	10	0.6	36	21	P010AA	1	
AAP015CNFI	1/2"	DPI Fitted	20	1.2	72	42	P015AA	1	
AAP020CNFI	1/2"	DPI Fitted	30	1.8	108	64	P020AA	1	
AAP020DNFI	3/4"	DPI Fitted	30	1.8	108	64	P020AA	1	
AAP025DNFI	3/4"	DPI Fitted	60	3.6	216	127	P025AA	1	
AAP025ENFI	1"	DPI Fitted	60	3.6	216	127	P025AA	1	
AAP030GNFI	1 1/2"	DPI Fitted	110	6.6	396	233	P030AA	1	
AAP035GNFI	1 1/2"	DPI Fitted	160	9.6	576	339	P035AA	1	
AAP040HNFI	2"	DPI Fitted	220	13.2	792	466	P040AA	1	
AAP045INFI	2 1/2"	DPI Fitted	330	19.1	1188	699	P045AA	1	
AAP050INFI	2 1/2"	DPI Fitted	430	25.9	1548	911	P050AA	1	
AAP055INFI	2 1/2"	DPI Fitted	620	37.3	2232	1314	P055AA	1	
AAP055JNFI	3"	DPI Fitted	620	37.3	2232	1314	P055AA	1	
AAP060KNFX	4"	Sold Separately	1000	60.0	3600	2119	P060AA	3	

Flow Correction Factors for pressure (CFP)

MUST HAVE Manual Drain - Order "MX" Option

Line Pressure	bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	psi g	15	29	44	58	73	87	100	116	131	145	160	174	189	203	218	232	248	263	277	290
Correction Factor		2.65	1.87	1.53	1.32	1.18	1.08	1.00	0.94	0.88	0.84	0.80	0.76	0.73	0.71	0.68	0.66	0.67	0.65	0.63	0.62

To correctly select a filter model, the flow rate of the filter must be adjusted for the minimum operating pressure of the system.

1. Obtain the minimum operating pressure and maximum compressed air flow rate at the inlet of the filter.
2. Select the correction factor for minimum operating pressure from the CFP table (always round down e.g. for 5.3 bar, use 5 bar correction factor)
3. Calculate the minimum filtration capacity: Minimum Filtration Capacity = Compressed Air Flow Rate x CFP
4. Using the minimum filtration capacity, select a filter model from the flow rate tables above (filter selected must have a flow rate equal to or greater than the minimum filtration capacity)
5. AA models are supplied with a float drain as standard. For pressures of 232 to 290 psi g (16 to 20 bar g), a manual drain must be used.

Accessory Kits (unless stated otherwise all Differential Pressure Monitors, Gauges and Drains have MAX Operating Pressure 232 psig)

Tie Rod kits (Filter Model / Number of)	
Part Number	Description
TRK1-2	010 x2
TRK2-2	015-020 x2 and 015-020x3
TRK3-2	025-030 x2 and 025-030 x3
TRK4-2	035-045 x2 and 035-045 x3
TRK5-2	050-055 x2 and 050-055 x3

Tie Rod Kit with Wall Mount Bracket(s) for Single Filter	
Part Number	Description
MBK1-1	010 x1
MBK2-1	015-020 x1
MBK3-1	025-030 x1
MBK4-1	035-045 x1
MBK5-1	050-055 x1
for 2 or 3 filters in series	
MBK1-2	010 x2 AND x3
MBK2-2	015-020 x2 AND x3
MBK3-2	025 - 030 x2 AND x3
MBK4-2	035 - 045 x2 AND x3
MBK5-2	050 - 055 x2 AND x3

DRAINS: Zero Loss ED, Automatic Float and Manual	
Part Number	Description
PD15NO	Float Auto 010-055
EM1	Manual Drain 010-055 (Max Op 20 bar G)
HDF120A	Float Auto 060
605006470	Manual Drain 060
ED3002-N115-K	Zero Loss 010 to 030
ED3004-N115-K	Zero Loss 035 to 055
ED3007-N115-K	Zero Loss 060
Differential Pressure Monitor(s) and Gauge(s)	
DPIK	DPI 010-030
ZD90GL	DP Gauge 035-055
ZDE90GL	DP Analogue Gauge 035-055 (Calibrated with Reed contact)
DPM-060	DPM kit 060 G4"

OIL-X Redefined GRADE ACSP

"Oil-X Redefined, the unique low energy solution with independently validated performance."



Grades ACSP Oil Vapor Removal Removal Filter

Oil Vapour removal down to 0.003 mg/m³

Initial Dry Differential Pressure <140mbar (2.0 psi)

Technical Data

Filter Grade	Filter Models	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
ACSP	Threaded 010 to 055 with MANUAL DRAIN	1	15	20	290	2	35	50	122

Product Selection

Stated flows are for operation at 100 psi g (7 bar g) with reference to 68°F (20°C), 14.5 psi g (1 bar g), 0% relative water vapor pressure.

Cast Aluminium Ported Filters	Model	Port Conn NPT	Incident Monitor	L/S	m ³ /min	m ³ /hr	cfm	Replacement Element Kit	No.
	ACSP010ANMX	1/4"	Not Required	10	0.6	36	21	P010ACS	1
	ACSP010BNMX	3/8"	Not Required	10	0.6	36	21	P010ACS	1
	ACSP010CNMX	1/2"	Not Required	10	0.6	36	21	P010ACS	1
	ACSP015CNMX	1/2"	Not Required	20	1.2	72	42	P015ACS	1
	ACSP020CNMX	1/2"	Not Required	30	1.8	108	64	P020ACS	1
	ACSP020DNMX	3/4"	Not Required	30	1.8	108	64	P020ACS	1
	ACSP025DNMX	3/4"	Not Required	60	3.6	216	127	P025ACS	1
	ACSP025ENMX	1"	Not Required	60	3.6	216	127	P025ACS	1
	ACSP030GNMX	1 1/2"	Not Required	110	6.6	396	233	P030ACS	1
	ACSP035GNMX	1 1/2"	Not Required	160	9.6	576	339	P035ACS	1
	ACSP040HNMX	2"	Not Required	220	13.2	792	466	P040ACS	1
	ACSP045INMX	2 1/2"	Not Required	330	19.1	1188	699	P045ACS	1
	ACSP050INMX	2 1/2"	Not Required	430	25.9	1548	911	P050ACS	1
	ACSP055INMX	2 1/2"	Not Required	620	37.3	2232	1314	P055ACS	1
ACSP055JNMX	3"	Not Required	620	37.3	2232	1314	P055ACS	1	
ACSP060KNMX	4"	Not Required	1000	60.0	3600	2119	P060ACS	3	

Flow Correction Factors for pressure (CFP)

MUST HAVE Manual Drain - Order "MX" Option

Line Pressure	bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	psi g	15	29	44	58	73	87	100	116	131	145	160	174	189	203	218	232	248	263	277	290
Correction Factor		2.65	1.87	1.53	1.32	1.18	1.08	1.00	0.94	0.88	0.84	0.80	0.76	0.73	0.71	0.68	0.66	0.67	0.65	0.63	0.62

To correctly select a filter model, the flow rate of the filter must be adjusted for the minimum operating pressure of the system.

- Obtain the minimum operating pressure and maximum compressed air flow rate at the inlet of the filter.
- Select the correction factor for minimum operating pressure from the CFP table (always round down e.g. for 5.3 bar, use 5 bar correction factor)
- Calculate the minimum filtration capacity: Minimum Filtration Capacity = Compressed Air Flow Rate x CFP
- Using the minimum filtration capacity, select a filter model from the flow rate tables above (filter selected must have a flow rate equal to or greater than the minimum filtration capacity)

Accessory Kits (unless stated otherwise all Differential Pressure Monitors, Gauges and Drains have MAX Operating Pressure 232 psig)

Tie Rod kits (Filter Model / Number of)	
Part Number	Description
TRK1-2	010 x2
TRK2-2	015-020 x2 and 015-020x3
TRK3-2	025-030 x2 and 025-030 x3
TRK4-2	035-045 x2 and 035-045 x3
TRK5-2	050-055 x2 and 050-055 x3

Tie Rod Kit with Wall Mount Bracket(s) for Single Filter	
Part Number	Description
MBK1-1	010 x1
MBK2-1	015-020 x1
MBK3-1	025-030 x1
MBK4-1	035-045 x1
MBK5-1	050-055 x1
for 2 or 3 filters in series	
MBK1-2	010 x2 AND x3
MBK2-2	015-020 x2 AND x3
MBK3-2	025 - 030 x2 AND x3
MBK4-2	035 - 045 x2 AND x3
MBK5-2	050 - 055 x2 AND x3

OIL-X Redefined

Grades AOP, AAP & ACSP

Weights and Dimensions

Model	Port Connection	Height (H)				Width (W)		Depth (D)		Weight	
		With DPI & Drain		Without DPI & Drain		mm	ins	mm	ins	kg	lbs
		mm	ins	mm	ins						
010A	1/4" NPT	249	9.81	180	7.09	76	2.99	66	2.6	0.61	1.34
010B	3/8" NPT	249	9.81	180	7.09	76	2.99	66	2.6	0.61	1.34
010C	1/2" NPT	249	9.81	180	7.09	76	2.99	66	2.6	0.61	1.34
015C	1/2" NPT	307.5	12.11	238.5	9.39	89	3.5	83.5	3.29	1.16	2.55
020C	1/2" NPT	307.5	12.11	238.5	9.39	89	3.5	83.5	3.29	1.12	2.47
020D	3/4" NPT	307.5	12.11	238.5	9.39	89	3.5	83.5	3.29	1.12	2.47
025D	3/4" NPT	346	13.62	277	10.9	120	4.72	114.5	4.5	2.21	4.86
025E	1" NPT	346	13.62	277	10.9	120	4.72	114.5	4.5	2.21	4.86
030G	1 1/2" NPT	436	17.17	367	14.45	120	4.72	114.5	4.5	2.68	5.91
035G	1 1/2" NPT	637	25.08	531	20.9	164	6.46	156	6.1	6.90	15.20
040H	2" NPT	729	28.68	623	24.5	164	6.46	156	6.1	7.30	16.10
045I	2 1/2" NPT	729	28.68	623	24.5	164	6.46	156	6.1	7.10	15.65
050I	2 1/2" NPT	851	33.48	745	29.3	192	7.56	183	7.2	10.30	22.71
055I	2 1/2" NPT	1041	40.98	935	36.8	192	7.56	183	7.2	15.30	33.73
055J	3" NPT	1041	40.98	935	36.8	192	7.56	183	7.2	15.30	33.73
060K	4" NPT	953	37.48	847	33.3	420	16.54	282	11.1	44.50	98.11



WSP010-055
Water Separator



AOP/AAP010-035
Filter



060 G4"
Filter

For more information please contact your local sales office or visit www.parker.com/gsf

Parker has a continuous policy of product development and although the company reserves the right to changes specifications, it attempts to keep customers informed of any alterations.

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