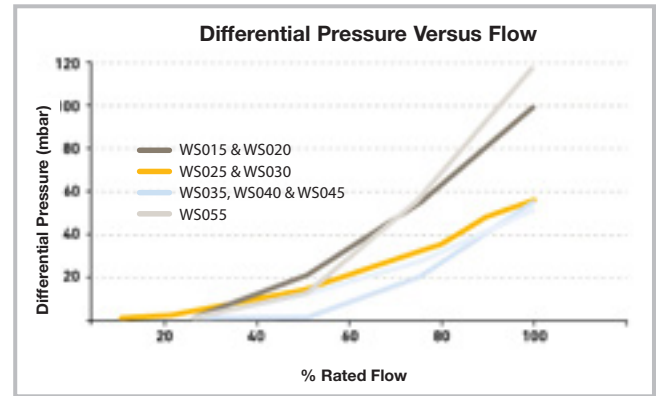
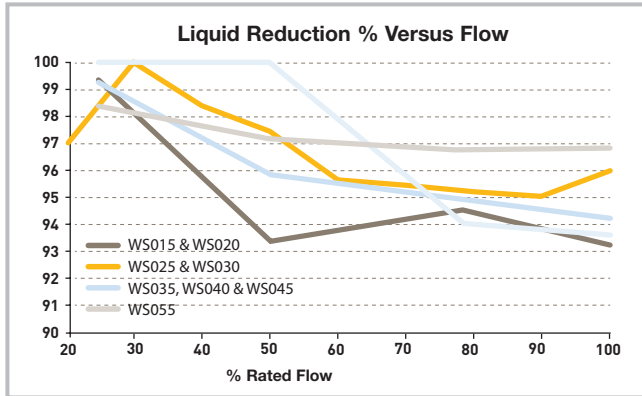


OIL-X Liquid Separators

Separation Performance



Technical Data

Filtration Grade	Water Separator Models	Minimum Operating Pressure		Maximum Operating Pressure		Minimum Operating Temperature		Maximum Operating Temperature	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
WS	P010A <input type="checkbox"/> FX - P055J <input type="checkbox"/> FX	1	15	16	232	2	35	80	176
	P060K <input type="checkbox"/> FX	1	15	16	232	2	35	66	150

Flow Rates

Model	Pipe Size	L/S	m³/min	m³/hr	cfm
WSP010A <input type="checkbox"/> FX	¼"	10	0.6	36	21
WSP010B <input type="checkbox"/> FX	¾"	10	0.6	36	21
WSP010C <input type="checkbox"/> FX	½"	10	0.6	36	21
WSP015C <input type="checkbox"/> FX	½"	40	2.4	144	85
WSP020D <input type="checkbox"/> FX	¾"	40	2.4	144	85
WSP025D <input type="checkbox"/> FX	¾"	110	6.6	396	233
WSP025E <input type="checkbox"/> FX	1"	110	6.6	396	233
WSP030G <input type="checkbox"/> FX	1½"	110	6.6	396	233
WSP035G <input type="checkbox"/> FX	1½"	350	21	1260	742
WSP040H <input type="checkbox"/> FX	2"	350	21	1260	742
WSP045I <input type="checkbox"/> FX	2½"	350	21	1260	742
WSP050I <input type="checkbox"/> FX	2½"	800	48	2880	1695
WSP055J <input type="checkbox"/> FX	3"	800	48	2880	1695
WSP060K <input type="checkbox"/> FX	4"	1000	60	3600	2119

Separator Coding Example

Grade	Model	Pipe Size	Thread	Drain Option	Incident Monitor Option
WS	P & 3 digit code denotes filter housing size	Letter denotes pipe size	G = BSPP N = NPT	F = Float	X = None
WS	P010	A	G	F	X

Stated flows are for operation at 7 bar (g) (102 psi g) with reference to 20°C, 1 bar (a), 0% relative water vapour pressure. For flows at other pressures, apply the correction factors shown below.

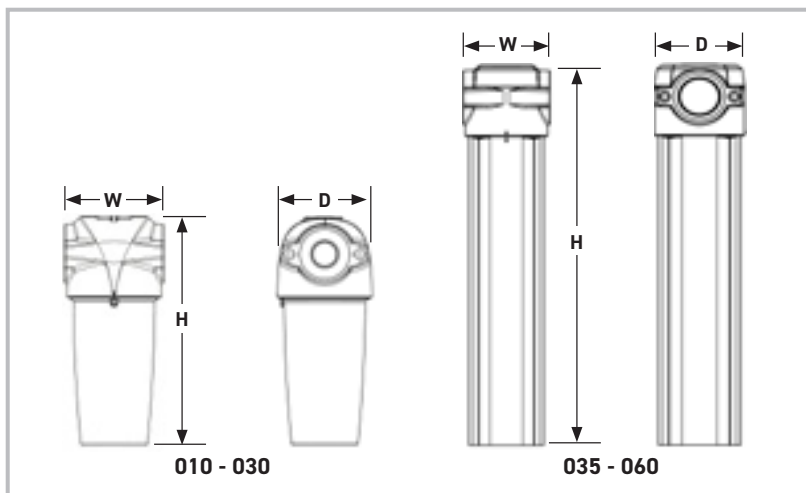
Product Selection & Correction Factors

To correctly select a separator model, the flow rate of the separator must be adjusted for the minimum operating (inlet) pressure at the point of installation.

1. Obtain the minimum operating (inlet) pressure and maximum compressed air flow rate at the inlet of the filter.
2. Select the correction factor for minimum inlet pressure from the CFMIP 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 CFMIP
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).

CFMIP - Correction Factor Minimum Inlet Pressure

Minimum Inlet Pressure	bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	psi g	15	29	44	58	73	87	100	116	131	145	160	174	189	203	218	232
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



Weights & Dimensions

Model	Height (H)		Width (W)		Depth (D)		Weight	
	mm	ins	mm	ins	mm	ins	kg	lbs
010A	180	7.09	76	2.99	65	2.56	0.80	1.76
010B	180	7.09	76	2.99	65	2.56	0.79	1.75
010C	180	7.09	76	2.99	65	2.56	0.78	1.72
015C	238	9.37	89	3.5	84	3.31	1.08	2.39
020D	238	9.37	89	3.5	84	3.31	1.35	2.98
025D	277	10.9	120	4.72	115	4.53	2.64	5.83
025E	277	10.9	120	4.72	115	4.53	2.64	5.83
030G	277	10.9	120	4.72	115	4.53	2.54	5.61
035G	440	17.32	164	6.46	157	6.18	6.69	14.74
040H	440	17.32	164	6.46	157	6.18	6.46	14.23
045I	440	17.32	164	6.46	157	6.18	6.28	13.85
050I	516	20.31	192	7.56	183	7.20	10.80	23.81
055J	516	20.31	192	7.56	183	7.20	10.83	23.89
060K	847	33.3	420	16.54	282	11.10	44.50	98.11

Parker Catalogue Numbers (BSP Models)

Model	Catalogue Number Water Separator
010A	WSP010AGFX
010B	WSP010BGFX
010C	WSP010CGFX
015C	WSP015CGFX
020D	WSP020DGFX
025D	WSP025DGFX
025E	WSP025EGFX
030G	WSP030GGFX
035G	WSP035GGFX
040H	WSP040HGFX
045I	WSP045IGFX
050I	WSP050IGFX
055J	WSP055JGFX
060K	WSP060KGFX