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TECHNOLOGY GROUP

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Find the *Parker / Balston 2104N-1B1-DX* at our website: *Click HERE*

WS Series

WS Water Separators
High Efficiency Bulk Liquid Removal



Airtek WS water separators have been designed for the efficient removal of bulk liquid contamination from compressed air.

Compressed air purification equipment must deliver uncompromising performance and reliability while providing the right balance of air quality with the lowest cost of operation. Many manufacturers offer products for the filtration and purification of contaminated compressed air, which are often selected only upon their initial purchase cost, with little or no regard for the air quality they provide, the cost of operation throughout their life or indeed their environmental impact. When purchasing purification equipment, delivered air quality, the overall cost of ownership and the equipment's environmental impact must always be considered.



Contact Information:

Parker Hannifin Corporation
Finite Airtek Filtration Division
New York, USA
T 716 686 6400 F 877 857 3800
Toll Free 1 855 587 9323

Sales Office
Ontario, Canada
T 905 693 3000 F 866 958 1306
Toll Free 1 888 342 2623

www.parker.com/faf

Benefits:

- **Protects coalescing filters from bulk liquid contamination.**
- **Helps provide air quality in accordance with ISO 8573-1:2001 the interantional standard for compressed air quality.**
- **High liquid removal efficiencies at all flow conditions.**
- **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 CO_2 into the environment.**
- **Lloyds & CRN registered (WS010 - WS055).**

Parker Airtek

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Engineering Specifications

Technical data

Grade	Water Separator Models	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		psi g	bar g	psi g	bar g	°F	°C	°F	°C
WS	010ANFX - 055JNFX	15	1	232	16	35	2	176	80
WS	1000	15	1	232	16	35	2	150	66
DH-WSA	800-F - 1800-F	15	1	232	16	35	2	140	60
	3000-F - 7200-F	15	1	150	10.4	35	2	140	60

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	Pipe Size	cfm	m3/min	m3/hr	L/S	Height (H)		Width (W)		Depth (D)		Weight	
							ins	mm	ins	mm	ins	mm	lbs	kg
Cast Aluminum Range	WS010ANFX-US	1/4" NPT	21	0.6	36	10	7.2	181	3.0	76	2.5	64	1.3	0.6
	WS010BNFX-US	3/8" NPT	21	0.6	36	10	7.2	181	3.0	76	2.5	64	1.3	0.6
	WS010CNFX-US	1/2" NPT	21	0.6	36	10	7.2	181	3.0	76	2.5	64	1.3	0.6
	WS015BNFX-US	3/8" NPT	85	2.4	144	40	9.3	235	3.8	97	3.3	84	2.4	1.1
	WS020CNFX-US	1/2" NPT	85	2.4	144	40	9.3	235	3.8	97	3.3	84	2.4	1.1
	WS020DNFX-US	3/4" NPT	85	2.4	144	40	9.3	235	3.8	97	3.3	84	2.4	1.1
	WS020ENFX-US	1" NPT	85	2.4	144	40	9.3	235	3.8	97	3.3	84	2.4	1.1
	WS025DNFX-US	3/4" NPT	233	6.6	396	110	10.8	275	5.1	129	4.5	115	4.8	2.2
	WS030ENFX-US	1" NPT	233	6.6	396	110	10.8	275	5.1	129	4.5	115	4.8	2.2
	WS030FNFX-US	1 1/4" NPT	233	6.6	396	110	10.8	275	5.1	129	4.5	115	4.8	2.2
	WS030GNFX-US	1 1/2" NPT	233	6.6	396	110	10.8	275	5.1	129	4.5	115	4.8	2.2
	WS035FNFX-US	1 1/4" NPT	742	21	1260	350	17	432	6.7	170	6.1	156	11.2	5.1
	WS040GNFX-US	1 1/2" NPT	742	21	1260	350	17	432	6.7	170	6.1	156	11.2	5.1
	WS045HNFX-US	2" NPT	742	21	1260	350	17	432	6.7	170	6.1	156	11.2	5.1
	WS055INFX-US	2 1/2" NPT	1695	48	2880	800	19.9	504	8.1	205	7.1	181	22.0	10.0
	WS055JNFX-US	3" NPT	1695	48	2880	800	19.9	504	8.1	205	7.1	181	22.0	10.0
	WS1000	4" NPT	2119	60	3600	1000	33.3	847	16.5	420	11.1	282	92.0	42.0
Carbon Steel Range	DH-WSA800-F	3" Flg	1700	48.1	2888	802	41.5	1123	15	381	7.5	191	112.0	50.8
	DH-WSA1000-F	4" Flg	2100	59.5	3568	991	48.6	1234	18	457	9.0	229	180.0	81.6
	DH-WSA1800-F	6" Flg	3780	107	6422	1784	54.8	1392	24	610	11.0	279	257.0	116.6
	DH-WSA3000-F	8" Flg	6300	178.4	10704	2973	CF	CF	CF	CF	CF	CF	CF	CF
	DH-WSA4800-F	10" Flg	10080	285.4	17126	4757	CF	CF	CF	CF	CF	CF	CF	CF
	DH-WSA7200-F	12" Flg	15120	428.2	25689	7136	CF	CF	CF	CF	CF	CF	CF	CF

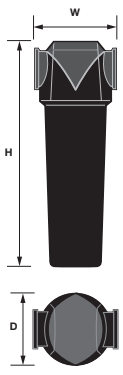
Flow correction factors (WS010-WS055)

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

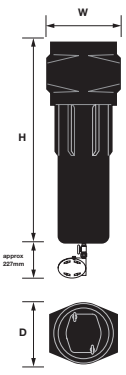
Notes:

1. Fitted with automatic drain as standard.
2. If ordering without float drain, subsitute N (not X) in place of F as shown in the following example: WS020CNNX-US. - F = Float Drain; N = No Drain
3. Minimum Filtration Capacity = Compressed Air Flowrate X CFP

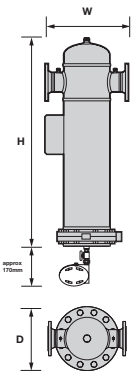
WS010 - 055



WS1000



DH-WSA800-F -7200-F



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