

Pneumatic Air Filters and Replacement Elements

- Max. pressure: 250 psi
- Max. temp.: 176°F
- 1/2" NPT drain port
- Auto float drain type

Filter media repels water and oils to provide extended filter life and minimized pressure drop across the filter element. Include filter element service indicator.

Pipe Size	Max. Flow	Overall Height	Overall Width	FILTERS Item No.	ELEMENTS Item No.	For Use On	Item No.	ELEMENTS Item No.
General Purpose Filters, 0.1 Micron								
1/2 in NPT	22 cfm	8 1/8 in	3 in	32NA16	32NA21	3EME7	3EMF8	3EMF8
3/4 in NPT	45 cfm	11 1/8 in	3 3/8 in	32NA17	32NA22	3EME8	3EMF9	3EMF9
1 in NPT	65 cfm	11 1/8 in	3 3/8 in	32NA18	32NA23	3EME9	32NA21	3EMG1
1 in NPT	135 cfm	12 3/8 in	5 1/8 in	32NA19	32NA24	3EMF1	32NA22	3EMG2
1 1/2 in NPT	235 cfm	16 1/8 in	5 1/8 in	32NA20	32NA25	3EMF2	32NA23	3EMG3
High-Efficiency Filters, 0.01 Micron								
1/2 in NPT	22 cfm	8 1/8 in	3 in	32NA06	32NA11	3EMF3	32NA24	3EMG4
3/4 in NPT	45 cfm	11 1/8 in	3 3/8 in	32NA07	32NA12	3EMF4	32NA25	3EMG5
1 in NPT	65 cfm	11 1/8 in	3 3/8 in	32NA08	32NA13	3EMF5	32NA11	3EMG6
1 in NPT	135 cfm	12 3/8 in	5 1/8 in	32NA09	32NA14	3EMF6	32NA12	3EMG7
1 1/2 in NPT	235 cfm	16 1/8 in	5 1/8 in	32NA10	32NA15	3EMF7	32NA13	3EMG8



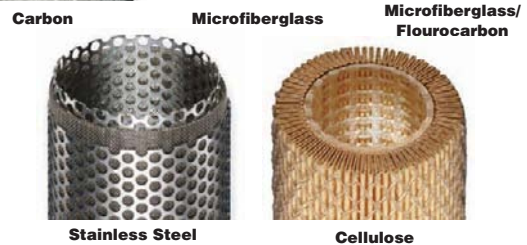
Compressed Air Filter Replacement Elements



Replacement filter elements retrofit most housings and effectively remove oil, water, and particulate from any compressed air system. Additional filter elements are available on Grainger.com.



Cross Reference	Mfr. Model	Item No.
Hankinson Replacement Filters		
Carbon		
Hankinson E1-20	AH10-060	4GEN4
Microfiberglass		
Hankinson 0713-7, 0713-8, 0713-12	6CU25-187	4GEM2
Hankinson 0713-6	6CM15-185	4GEM1
Hankinson 0713-5	6CM15-095	4GEL9
Hankinson 0713-4	6CM15-060	4GEL8
Hankinson 0713-3	6CM10-050	4GEL7
Hankinson 0713-2	6CM10-025	4GEL6
Hankinson 0731-9, E7-PV	10CH25-260	4GEL8
Hankinson E3-PV	4CH25-260	4GER5
Hankinson E5-44	6CH25-265	4GET5
Hankinson E5-36	6CH19-176	4GET3
Hankinson E5-32	6CH19-131	4GET2
Hankinson E5-28	6CH16-108	4GET1
Hankinson E5-20	6CH10-060	4GER8
Hankinson E7-20	10CH10-060	4GET9
Hankinson E5-24	6CH16-066	4GER9
Stainless Steel Mesh		
Hankinson E9-28	10OWS16-108	4GEV4
Headline Replacement Filters		
Microfiberglass		
Headline 12-57-50C	6H04-023 x 10	4GEW6
Headline 25-178-70C	10H10-070	4GEX5
Headline 25-64-70C	10H10-025	4GEX9
Headline 25-64-50C	6H10-025	4GEX7
Headline 38-152-50C	6H15-060	4GEY2
Microfiberglass/Fluorocarbon		
Headline 12-57-70K	10T04-023 x 10	4GEW9
Headline 25-178-70K	10T10-070 x 10	4GEX6
Headline 25-178-50K	6T10-070 x 10	4GEX4
Headline 25-64-70K	10T10-025 x 10	4GEY1



Cross Reference	Mfr. Model	Item No.
Henderson Replacement Filters		
Microfiberglass		
Henderson 8D20	6CN10-028	4GEZ7
Henderson 8D28	6CN10-038	4GEZ8
Henderson 16D33	6CU19-050	4GEZ9
Henderson 16D100	6CU19-130	4GFA2
Henderson 16D150	6CU19-187	4GFA3
Pall/PPC Replacement Filters		
Cellulose		
Pall MDC-1201AF, PCC-1201AF	3PP26-132	4CUV7
Pall MDC-1002AF, PCC-1002AF, PCS-1002AF	3PP19-198	4CUV5
Pall MDC-1001AF, PCC-1001AF, PCS-1001AF	3PP19-098	4CUV4
Pall PCC-1003AF	3PP19-298	4CUV6
Pall PCC-700AF, PCC-1200AF	3PP30-295	4CUV2
Pall PCC-600AF	3PP30-140	4CUV1
Pall PCC-350AF	3PP30-143	4CUU8
Pall PCS-700AF, PCS-1200AF	3PPS30-295	4CUV3



Oil Removal (Coalescing) Filters

- Filters to 0.01 microns
- Service life indicator is standard (except miniatures)
- Max. pressure: 150 psi (polycarbonate bowl); 250 psi (metal bowl)
- Max. temp.: 125°F (polycarbonate bowl); 150°F (metal bowl)
- Modular connector allows easy removal and replacement

For maximum life, use in conjunction with a general purpose air line filter equipped with a 5-micron element.

Note: Polycarbonate bowls are not recommended for use in atmospheres containing chemicals such as acetone, benzene, carbon tetrachloride, ethylene dichloride, gasoline, toluene, and/or air compressor systems using synthetic fire-resistant lubricants.

Description	Pipe Size	Max. Flow*	Overall Height	Overall Width	POLY Item No.	POLY WITH GUARD Item No.	METAL WITH SIGHT GLASS Item No.
Miniature	1/4 in NPT	6 cfm	4 1/4 in	1 3/8 in	4ZL16	—	—
	1/2 in NPT	6.5 cfm	4 1/4 in	1 3/8 in	4ZL17	—	—
Compact	1/4 in NPT	10.5 cfm	7 1/8 in	2 in	—	4ZL24	4ZL23
	3/8 in NPT	10.5 cfm	7 1/8 in	2 in	—	4ZL26	4ZL25
Intermediate	1/4 in NPT	20 cfm	8 1/2 in	2 1/8 in	—	4ZL32	4ZL31
	3/8 in NPT	20 cfm	8 1/2 in	2 1/8 in	—	4ZL34	4ZL33
Standard	1/2 in NPT	20 cfm	8 1/2 in	2 1/8 in	—	4ZL36	4ZL35
	3/8 in NPT	20 cfm	9 1/8 in	3 1/8 in	—	4ZL44	4ZL43
Standard (High Flow)	1/2 in NPT	35 cfm	9 1/8 in	3 1/8 in	—	4ZL46	4ZL45
	1/2 in NPT	60 cfm	11 3/8 in	3 1/8 in	—	—	4ZL53
	3/4 in NPT	60 cfm	11 3/8 in	3 1/8 in	—	4ZL55	4ZL54
	3/4 in NPT	90 cfm	13 1/4 in	4 3/4 in	—	—	4ZL18
Heavy-Duty	1 in NPT	125 cfm	13 1/4 in	4 3/4 in	—	—	4ZL19
	1 1/2 in NPT	250 cfm	18 1/8 in	8 1/4 in	—	—	4ZL20
	2 in NPT	300 cfm	18 1/8 in	8 1/4 in	—	—	4ZL21
Heavy-Duty with Auto-Drain	2 in NPT	600 cfm	26 1/8 in	8 1/4 in	—	—	4ZL22

* cfm measured at 100 psig with a saturated element (3 to 5 psig drop).

For Use On	Filter Rating	Item No.
Replacement Oil Removal Coalescing Filter Elements		
Miniature	0.01 micron	4ZK21
Compact	0.01 micron	4ZK70
Intermediate	0.01 micron	4ZK56
Standard	0.01 micron	4ZK46
Standard (High Flow)	0.01 micron	4ZK47
Heavy-Duty (3/4" to 1")	0.01 micron	4ZK62
Heavy-Duty (1 1/2" to 2")	0.01 micron	4ZK15
General Purpose and Oil Removal Filter Mounting Brackets		
Miniature	—	4ZK71
Compact	—	4ZK29
Intermediate	—	4ZK53
Standard	—	4ZK42
Heavy-Duty	—	4ZK72
Automatic Filter Drains		
Miniature	—	4ZK17
Compact	—	4ZK18
Intermediate	—	4ZK19
Standard and Heavy-Duty	—	4ZK14

