

CKD FRL's



Airplane Pneumatics Limited



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Sizing by flow:-

1000 series:- (1/8+and 1/4+BSP)
Maximum flow = 1500 l/min

3000 series:- (1/4+and 3/8+BSP)
Maximum flow = 3200 l/min

4000 series:- (3/8+and 1/2+BSP)
Maximum flow = 5000 l/min

8000 series:- (3/4+and 1+BSP)
Maximum flow = 8500 l/min

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ISO quality Class	Oil (ppm)	Water (dew point)	Dirt (μ)	Typical applications
1	0.01	-100°F	0.1	Highly sensitive equipment, critical applications
2	0.1	-40°F	1	Instrument quality air— instrumentation, automation, process air, paint systems
3	1	-4°F	5	Pneumatic machinery, air tools
4	5	35°F	15	General purpose—shop air
5	25	45°F	40	
6	—	50°F	—	

All standard CKD filter elements
are supplied
5 micron as standard.

5 micron filtration
is your minimum requirement
for healthy machinery and tooling.

A lot of the competition regard 25 or even 40 micron as a minimum requirement, that level of filtration is for shop+ and not machinery build

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3	1	-4°F	5	Pneumatic machinery, air tools
4	5	35°F	15	General purpose—shop air
5	25	45°F	40	
6	—	50°F	—	

New applications must not be lubricated, except for air motors and air tools.

Only supply lubrication if updating a system that has already been lubricated.

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Filters – 1/4”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List Price
F1000-8G-W	5 Micron Filtration	£9.64	AF20-F02	£14.62
M1000-8G-W-S	0.3 micron filtration	£39.77	AFM20-F02	£34.15
M1000-8G-W	0.01 micron filtration	£21.21	AFD20-F02	£35.78

Filter Regulators – 1/4”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List Price
W1000-8G-W	Filter regulator	£23.81	AW20-F02	£30.04

Regulators – 1/4”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List price
R1000-8G-W	Regulator	£19.50	AR20-F02E	£25.15

Lubricators – 1/4”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List price
L1000-8G-W	Lubricator	£14.79	AL20-F02	£25.23

Accessories – 1/4”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List Price
V1000-8G-W	Shut off valve	£19.29	VHS20-F02	£19.73
B110-W	Modular T mounting	£2.36	Y200T	£3.01
B130-W	Neck mounting	£1.07	AR20P-270AS	£2.56

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Filters – 1/2”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List Price
F4000-15G-W	5 Micron Filtration	£25.50	AF40-F04	£29.09
M4000-15G-W-S	0.3 micron filtration	£63.94	AFM40-F04	£72.06
M4000-15G-W	0.01 micron filtration	£48.21	AFD40-F04	£53.64

Filter Regulators – 1/2”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List Price
W4000-15G-W	Filter regulator	£40.07	AW40-F04E	£60.03

Regulators – 1/2”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List price
R4000-15G-W	Regulator	£36.21	AR40-F04E	£34.88

Lubricators – 1/2”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List price
L4000-15G-W	Lubricator	£28.29	AL40-F04	£37.48

Accessories – 1/2”BSP body ported

CKD Reference	Description	List Price	SMC Reference	List Price
V3000-15G-W	Shut off valve	£19.29	VHS40-F04	£29.79
B410-W	Modular T mounting	£7.71	Y400T	£6.03
B430	Neck mounting	£1.93	AR40P-270AS	£2.21

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The new CXU Series



Now available from CKD an expandable and adaptable FRL system

You can now integrate your control valves directly to your FRL requirements
be it you 2/2, 3/2, 5/2 or 5/3 solenoids,
to flow and control in the direction that you require

The PPX Series



Electronically measure your air pressure to ensure that your machinery is working to its optimum criteria, with multiple pressure settings as standard and 2 outputs settings (low and high) you can now protect your machinery and investments.

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