



Moduflex FRLs

Moduflex 60 Series

$\frac{3}{8}$ " and $\frac{1}{2}$ " ported

Catalogue No: PDE 2501SLUK-ca
Issue 03/03



Parker
Global
Pneumatics

The Moduflex modular air preparation system is constructed out of aluminium providing the advantages of both lightweight and strength.

Combinations may be assembled quickly and easily, the individual units combine face to face with no intermediate block and

No increase in overall dimension.

The unique 'Cliplok' fastener enables combinations of units to be built in a fraction of the time taken by more traditional systems.

The unique one piece body design overcomes the need for a separate bowl, large sight slots are provided as standard.



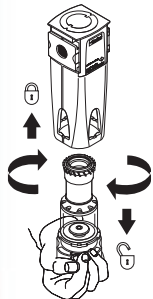
Body ported as standard with alternative port sizes via optional port blocks.

'Cliplocks' locate and fix units in combination, allowing easy removal for servicing with no width penalty.

Manual, semi-automatic and fully automatic drain options are available, recessed into the base plate for extra safety & protection from damage.

Filter

Moduflex Series standard Filter units feature 5 micron elements as standard with a 40 micron option.



Options include Coalescing units for the removal of oil and water aerosols and Adsorber units with activated carbon elements for the removal of hydrocarbon vapours.



Regulator

The Moduflex Series Regulators feature precise control with precise control and low hysteresis.

The rolling diaphragms also provide longer service life than flat diaphragm designs.

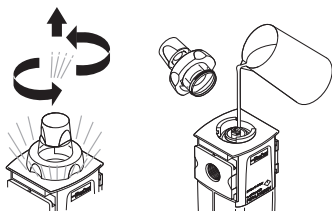


An optional version of the regulator may be Manifold Mounted for common inlet installations, providing any number of subsidiary p2 pressures.

Lubricator

The Moduflex Series Lubricators provide constant, controlled lubrication to down stream equipment, increasing service life and reducing down time.

Moduflex Series Oil Mist type lubricators offer up to twice the oil capacity than traditional designs.



Filter/Regulator

Moduflex Series Filter-Regulators combine precise control with precise control with the advantages of integral filtration.

The ideal solution to space saving in combined installations.

Optional tamperproof kit for Regulators and Filter/Regulators



Soft Start Valves



Moduflex Series Combined Soft Start/Dump Valves, provide for the safe introduction of pressure to machines or systems.

Soft Start/Dump Valves when set, allow the pressure to gradually build to the set point before fully opening to deliver full flow at line pressure.

Dump Valves



Moduflex Series Dump Valves enable the depressurisation of downstream air in the event of an emergency or system failure. They are provided with high visibility large red striker knobs and vent through the exhaust port.

Moduflex Series Dump Valves may be used as stand alone units or assembled into Moduflex combination units.

Ball Valves



Moduflex Series Ball Valves provide shut off line pressure with non-sticking 90° turn handle locking versions to prevent unauthorised adjustment. When the inlet pressure is turned off the downstream vent through the exhaust port.

'Cliplock System'



The unique 'Cliplok' allows units to be pipe connected together, without the use of connectors, saving space whilst providing constant mounting centres.

For wall mounting 'Cliplocks' with integral wall brackets are available. They are assembled in exactly the same way and are locked in position with a sliding clip. Wall mounted 'Cliplocks' can be left attached to the wall and the unit will slide off, once the sliding clips have been lifted.

Optional Port Block Kits



To change port sizes a selection of Port Block Kits which are attached to any unit with 'Cliplok' system. Allows assemblies to be removed from a hard piped system.

Moduflex 60 is available in NPT, BSPP and BSPT thread ports.

Port sizes G3/8 and G1/2

Rear Entry Connector Kits



The Rear Entry Connector is available in G1/2. port size and enables single units or combinations to be mounted on a bulkhead with the air connections made from the rear.



'Cliplocks' locate and fix units in combination, allowing easy removal for servicing with no width penalty.



- Lightweight aluminium construction
- Body ported as standard
- Modular combinations may be assembled in seconds without tools
- Easy to service filter cartridge
- High performance
- Port sizes G³/₈ and G¹/₂



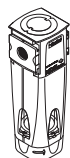
Operating information

For technical information see CD

Working pressure:	Max 17 bar 14 bar when fitted with auto drain
Working temperature:	-10 °C to +80 °C

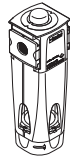
Flow:	3/8	1/2
Filter	45 l/s	50 l/s
Regulator	63 l/s	73 l/s
Filter/Regulator	48 l/s	61 l/s
Lubricator	42 l/s	54 l/s

Filters - 5 micron element



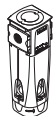
Port size	Description	Order Code
3/8	Manual drain	P3KFA13ESMN
3/8	Semi auto drain	P3KFA13ESSN
3/8	Auto drain	P3KFA13ESAN
1/2	Manual drain	P3KFA14ESMN
1/2	Semi auto drain	P3KFA14ESSN
1/2	Auto drain	P3KFA14ESAN

Coalescing Filters - 0.01 micron element



Port size	Description	Order Code
3/8	Manual drain	P3KFA13DSMN
3/8	Semi auto drain	P3KFA13DSSN
3/8	Auto drain	P3KFA13DSAN
1/2	Manual drain	P3KFA14DSMN
1/2	Semi auto drain	P3KFA14DSSN
1/2	Auto drain	P3KFA14DSAN

Adsorber Filters - activated charcoal element



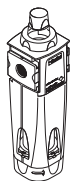
Port size	Description	Order Code
3/8	Manual drain	P3KFA13ASMN
1/2	Manual drain	P3KFA14ASMN

Regulators - 2, 4 and 16 bar options available



Port size	Description	Order Code
3/8	8 bar relieving	P3KRA13BNNP
3/8	8 bar relieving, pressure gauge	P3KRA13BNGP
1/2	8 bar relieving	P3KRA14BNNP
1/2	8 bar relieving, pressure gauge	P3KRA14BNGP

Lubricators



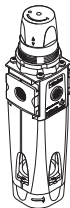
Port size	Description	Order Code
3/8	Oil mist, fill under pressure	P3KLA13LSMN
1/2	Oil mist, fill under pressure	P3KLA14LSMN

Gauges






Port size	Description	Order Code
1/4	Gauge 0 to 4 bar	P6G-ERB2040
1/4	Gauge 0 to 11 bar	P6G-ERB2110
1/4	Gauge 0 to 20 bar	P6G-ERB2200

Filter/Regulators - 2, 4 and 16 bar pressure options available



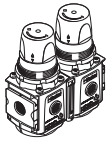
Port size	Description	Order Code
3/8	8 bar, relieving, manual drain	P3KEA13ESMBNNP
3/8	8 bar, relieving, semi-auto drain	P3KEA13ESSBNNP
3/8	8 bar, relieving, auto drain	P3KEA13ESABNNP
3/8	8 bar, relieving, gauge, manual drain	P3KEA13ESMBNGP
3/8	8 bar, relieving, gauge, semi-auto drain	P3KEA13ESSBNGP
3/8	8 bar, relieving, gauge, auto drain	P3KEA13ESABNGP
1/2	8 bar, relieving, manual drain	P3KEA14ESMBNNP
1/2	8 bar, relieving, semi-auto drain	P3KEA14ESSBNNP
1/2	8 bar, relieving, auto drain	P3KEA14ESABNNP
1/2	8 bar, relieving, gauge, manual drain	P3KEA14ESMBNGP
1/2	8 bar, relieving, gauge, semi-auto drain	P3KEA14ESSBNGP
1/2	8 bar, relieving, gauge, auto drain	P3KEA14ESABNGP

Popular combinations

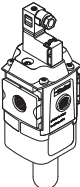
	Port size	Description	Order Code
	1/2	Ball valve + Filter/Regulator, Manual drain	P3KAN14SEMNGB
	1/2	Ball valve + Filter/Regulator, Semi-auto drain	P3KAN14SESNGB
	1/2	Ball valve + Filter/Regulator, Auto drain	P3KAN14SEANGB
	1/2	Ball valve + Filter/Regulator + Lubricator, Manual drain	P3KAA14SEMNGLMB
	1/2	Ball valve + Filter/Regulator + Lubricator, Semi-auto drain	P3KAA14SESNGLMB
	1/2	Ball valve + Filter/Regulator + Lubricator, Auto drain	P3KAA14SEANGLMB
	1/2	Filter/Regulator + Lubricator, Manual drain	P3KCA14SEMNGLMB
	1/2	Filter/Regulator + Lubricator, Semi-auto drain	P3KCA14SESNGLMB
	1/2	Filter/Regulator + Lubricator, Auto drain	P3KCA14SEANGLMB

All combination sets include: pressure gauge and mounting brackets.


Manifold Regulators

	Port size	Description	Order Code
	3/8	8 bar relieving	P3HA13BNNP
	3/8	8 bar relieving, pressure gauge	P3HA13BNGP
	1/2	8 bar relieving	P3HA14BNNP
	1/2	8 bar relieving, pressure gauge	P3HA14BNGP

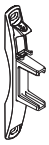
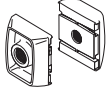
Soft Start/Dump Valves

	Port size	Description	Order Code
	1/2	Solenoid operated (not included)	P3KTA14SGN000
	1/2	24VDC (Solenoid & cable plug included)	P3KTA14SGN2CN
	1/2	Air pilot operated	P3KTA14PPN

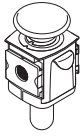
Manifold block

	Port size	Description	Order Code
	1/2	4 air 'take off' ports	P3KMA1V0N


Options and Accessories

	Port size	Description	Order Code
		Modular connector kit	P3KKA00CB
		Wall mounting bracket kit	P3KKA00CW
	3/8	Port connector kit	P3KAD3CP
	1/2	Port connector kit	P3KAD4CP
	1/2	Rear entry port connector kit	P3KKAR4CR
		Panel mounting nut (aluminium)	P3KKA00MM
		Regulator & Filter/Regulator tamperproof kit	P3KKA00AL
		Regulator & Filter/Regulator mounting bracket	P3KKA00MS

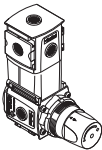
Manual Dump Valves

	Port size	Description	Order Code
	1/2	Bistable 3/2 valve with lockable facility (black knob)	P3KDA14BLN
	1/2	Bistable 3/2 valve with lockable facility (red knob)	P3KDA14RLN

Shut-off Valves

	Port size	Description	Order Code
	3/8	3/2 valve with lockable facility	P3KVA13LN
	1/2	3/2 valve with lockable facility	P3KVA14LN

Diverter Block

	Port size	Description	Order Code
	1/2	Top mounted diverter block	P3KMA14AN
	1/2	Bottom mounted diverter block	P3KMA14BN
	1/2	Top & bottom mounted diverter block	P3KMA14CN