

Global Air Preparation System

A Completely Modular System



Filters - 5 micron element

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	Poly bowl - manual drain	P31FB92EGMN	P32FB92EGMN	
1/4	Poly bowl - pulse drain	P31FB92EGBN		
1/4	Poly bowl - auto drain		P32FB92EGAN	
1/4	Metal bowl - manual drain	P31FB92EMMN	P32FB92ESMN	
1/4	Metal bowl - pulse drain	P31FB92EMBN		
1/4	Metal bowl - auto drain		P32FB92ESAN	
3/8	Poly bowl - manual drain		P32FB93EGMN	
3/8	Poly bowl - auto drain		P32FB93EGAN	
3/8	Metal bowl - manual drain		P32FB93ESMN	
3/8	Metal bowl - auto drain		P32FB93ESAN	
1/2	Poly bowl - manual drain		P32FB94EGMN	P33FA94EGMN
1/2	Poly bowl - auto drain		P32FB94EGAN	P33FA94EGAN
1/2	Metal bowl - manual drain		P32FB94ESMN	P33FA94ESMN
1/2	Metal bowl - auto drain		P32FB94EGAN	P33FA94EGAN
3/4	Poly bowl - manual drain			P33FA96EGMN
3/4	Poly bowl - auto drain			P33FA96EGAN
3/4	Metal bowl - manual drain			P33FA96ESMN
3/4	Metal bowl - auto drain			P33FA96EGAN

Coalescing Filters - 0.01 micron element

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	Poly bowl - manual drain	P31FB92DGMN	P32FB92DGMN	
1/4	Poly bowl - pulse drain	P31FB92DGBN		
1/4	Poly bowl - auto drain		P32FB92DGAN	
1/4	Metal bowl - manual drain	P31FB92DMMN	P32FB92DSMN	
1/4	Metal bowl - pulse drain	P31FB92DMBN		
1/4	Metal bowl - auto drain		P32FB92DSAN	
3/8	Poly bowl - manual drain		P32FB93DGMN	
3/8	Poly bowl - auto drain		P32FB93DGAN	
3/8	Metal bowl - manual drain		P32FB93DSMN	
3/8	Metal bowl - auto drain		P32FB93DSAN	
1/2	Poly bowl - manual drain		P32FB94DGMN	P33FA94DGMN
1/2	Poly bowl - auto drain		P32FB94DGAN	P33FA94DGAN
1/2	Metal bowl - manual drain		P32FB94DSMN	P33FA94DSMN
1/2	Metal bowl - auto drain		P32FB94DGAN	P33FA94DGAN
3/4	Poly bowl - manual drain			P33FA96DGMN
3/4	Poly bowl - auto drain			P33FA96DGAN
3/4	Metal bowl - manual drain			P33FA96DSMN
3/4	Metal bowl - auto drain			P33FA96DGAN

Adsorber Filters

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	Poly bowl - manual drain	P31FB92AGMN	P32FB92AGMN	
1/4	Metal bowl - manual drain	P31FB92AMMN	P32FB92ASMN	
3/8	Poly bowl - manual drain		P32FB93AGMN	
3/8	Metal bowl - manual drain		P32FB93ASMN	
1/2	Poly bowl - manual drain		P32FB94AGMN	P33FA94AGMN
1/2	Metal bowl - manual drain		P32FB94ASMN	P33FA94ASMN
3/4	Poly bowl - manual drain			P33FA96AGMN
3/4	Metal bowl - manual drain			P33FA96ASMN

Regulators

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	125 psi relieving	P31RB92BNNP	P32RB92BNNP	
1/4	125 psi relieving + gauge	P31RB92BN5P	P32RB92BNGP	
3/8	125 psi relieving		P32RB93BNNP	
3/8	125 psi relieving + gauge		P32RB93BNGP	
1/2	125 psi relieving		P32RB94BNNP	P33RA94BNNP
1/2	125 psi relieving + gauge		P32RB94BNGP	P33RA94BNGP
3/4	125 psi relieving			P33RA96BNNP
3/4	125 psi relieving + gauge			P33RA96BNGP

Lubricators

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	Poly bowl - no drain	P31LB92LGNN	P32LB92LGNN	
1/4	Metal bowl - no drain	P31LB92LMNN	P32LB92LSNN	
3/8	Poly bowl - no drain		P32LB93LGNN	
3/8	Metal bowl - no drain		P32LB93LSNN	
1/2	Poly bowl - no drain		P32LB94LGNN	P33LA94LGNN
1/2	Metal bowl - no drain		P32LB94LSNN	P33LA94LSNN
3/4	Poly bowl - no drain			P33LA96LGNN
3/4	Metal bowl - no drain			P33LA96LSNN

- Lightweight aluminum construction
- Compact product dimensions
- Body ported as standard
- Modular connection system
- Easy maintenance
- Global availability

Operating information

Maximum supply pressure: 10 bar (150 psi) - Plastic bowl
17 bar (250 psi) - Metal bowl

Operating temperature: 52°C (125°F) - Plastic bowl
65.5°C (150°F) - Metal bowl

Flow:	P31 Series	P32 Series	P33 Series
	1/4	3/8	1/2
Filter	12 dm³/s (25 scfm)	30 dm³/s (64 scfm)	40 dm³/s (85 scfm)
Regulator	30 dm³/s (64 scfm)	65 dm³/s (136 scfm)	100 dm³/s (212 scfm)
Filter / Regulator	14 dm³/s (30 scfm)	58 dm³/s (123 scfm)	90 dm³/s (191 scfm)
Lubricator	13 dm³/s (28 scfm)	32 dm³/s (68 scfm)	48 dm³/s (102 scfm)



Proportional technology available on request.

All products are NPT ported, BSPP and BSPT versions are also available

Port sizes:



Manifold Block

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	2 auxiliary air ports	P31MA92022N		
3/4	2 auxiliary air ports		P32MA94024N	P33MA96024N

Modular Ball Valves

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	90° turn handle	P31VB92LBNN		
3/8	90° turn handle		P32VB93LBNN	
1/2	90° turn handle		P32VB94LBNN	P33VB94LBNN
3/4	90° turn handle			P33VB96LBNN

Combined Soft Start / Dump Valves

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	120VAC Solenoid + cable plug	P31TA92SGNA1FN		
1/4	24VDC Solenoid + cable plug	P31TA92SGNC2CN		
1/4	Air pilot operated	P31TA92PPN		
1/2	120VAC Solenoid + cable plug		P32TA94SCNA3GN	P32TA94SCNA3GN
1/2	24VDC Solenoid + cable plug		P32TA94SCNA2CN	P32TA94SCNA2CN
1/2	Air pilot operated		P32TA94PPN	P32TA94PPN

Dump Valves

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	120VAC Solenoid + cable plug	P31DA92SGNA1FN		
1/4	24VDC Solenoid + cable plug	P31DA92SGNC2CN		
1/4	Air pilot operated	P31DA92PPN		
1/2	120VAC Solenoid + cable plug		P32DA94SCNA3GN	P32DA94SCNA3GN
1/2	24VDC Solenoid + cable plug		P32DA94SCNA2CN	P32DA94SCNA2CN
1/2	Air pilot operated		P32DA94PPN	P32DA94PPN

Options and Accessories

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
	T-bracket + body connector	P31KA00MT	P32KA00MT	P32KA00MT
	Body connector	P31KA00CB	P32KA00CB	P32KA00CB
1/4	Port block kit	P31KA92CP	P32KA92CP	P32KA92CP
3/8	Port block kit	P32KA93CP	P32KA93CP	P32KA93CP
1/2	Port block kit		P32KA94CP	P32KA94CP
3/4	Port block kit		P32KA96CP	P32KA96CP
	Angle bracket (Regs & F/R)	P31KB00MR	P32KB00MR	P33KA00MR
	C-bracket (Filters & lubricators)	P31KA00MW		
	L-bracket (Filters & lubricators)		P32KA00ML	P33KA00ML
	T-bracket (Fits body connector or port block)		P32KA00MB	P32KA00MB
	Panel mounting nut (Aluminum)	P31KA00MM	P32KA00MM	P33KA00MM
	Regulator & filter / regulator tamperproof kit (Padlock not included)	P31KB00AL	P32KB00AL	
	Tamperproof knob kit	P31KB00AT	P32KB00AT	

Filter / Regulators - 8 bar, self relieving

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	Poly bowl - Manual drain	P31EB92EGMBN5P	P32EB92EGMBNGP	
1/4	Poly bowl - Pulse drain	P31EB92EGBBN5P		
1/4	Poly bowl - Auto drain		P32EB92EGABNGP	
1/4	Metal bowl - Manual drain	P31EB92EMMBN5P	P32EB92ESMBNGP	
1/4	Metal bowl - Pulse drain	P31EB92EMBBN5P		
1/4	Metal bowl - Auto drain		P32EB92ESABNGP	
3/8	Poly bowl - Manual drain		P32EB93EGMBNGP	
3/8	Poly bowl - Auto drain		P32EB93EGABNGP	
3/8	Metal bowl - Manual drain		P32EB93ESMBNGP	
3/8	Metal bowl - Auto drain		P32EB93ESABNGP	
1/2	Poly bowl - Manual drain		P32EB94EGMBNGP	P33EA94EGMBNGP
1/2	Poly bowl - Auto drain		P32EB94EGABNGP	P33EA94EGABNGP
1/2	Metal bowl - Manual drain		P32EB94ESMBNGP	P33EA94ESMBNGP
1/2	Metal bowl - Auto drain		P32EB94ESABNGP	P33EA94ESABNGP
3/4	Poly bowl - Manual drain			P33EA96EGMBNGP
3/4	Poly bowl - Auto drain			P33EA96EGABNGP
3/4	Metal bowl - Manual drain			P33EA96ESMBNGP
3/4	Metal bowl - Auto drain			P33EA96ESABNGP

Popular Combinations

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
Filter / Regulator + Lubricator				
1/4	Poly bowl - Manual drain	P31CA92GEMN5LNW	P32CA92GEMNGLNW	
1/4	Poly bowl - Pulse drain	P31CA92GEBN5LNW		
1/4	Poly bowl - Auto drain		P32CA92GEANGLNW	
3/8	Poly bowl - Manual drain		P32CA93GEMNGLNW	
3/8	Poly bowl - Auto drain		P32CA93GEANGLNW	
1/2	Poly bowl - Manual drain		P32CA94GEMNGLNW	P33CA94GEMNGLNW
1/2	Poly bowl - Auto drain		P32CA94GEANGLNW	P33CA94GEANGLNW
3/4	Poly bowl - Manual drain			P33CA96GEMNGLNW
3/4	Poly bowl - Auto drain			P33CA96GEANGLNW
Filter + Regulator + Lubricator				
1/4	Poly bowl - Manual drain	P31CB92GEMN5LNW	P32CB92GEMNGLNW	
1/4	Poly bowl - Pulse drain	P31CB92GEBN5LNW		
1/4	Poly bowl - Auto drain		P32CB92GEANGLNW	
3/8	Poly bowl - Manual drain		P32CB93GEMNGLNW	
3/8	Poly bowl - Auto drain		P32CB93GEANGLNW	
1/2	Poly bowl - Manual drain		P32CB94GEMNGLNW	P33CB94GEMNGLNW
1/2	Poly bowl - Auto drain		P32CB94GEANGLNW	P33CB94GEANGLNW
3/4	Poly bowl - Manual drain			P33CB96GEMNGLNW
3/4	Poly bowl - Auto drain			P33CB96GEANGLNW
Ball Valve + Filter / Regulator + Lubricator				
1/4	Poly bowl - Manual drain	P31QA92GEMN5LNW		
1/4	Poly bowl - Pulse drain	P31QA92GEBN5LNW		
3/8	Poly bowl - Manual drain		P32QA93GEMNGLNW	
3/8	Poly bowl - Auto drain		P32QA93GEANGLNW	
1/2	Poly bowl - Manual drain		P32QA94GEMNGLNW	P33QA94GEMNGLNW
1/2	Poly bowl - Auto drain		P32QA94GEANGLNW	P33QA94GEANGLNW
3/4	Poly bowl - Manual drain			P33QA96GEMNGLNW
3/4	Poly bowl - Auto drain			P33QA96GEANGLNW

All combination sets include: pressure gauge and mounting brackets. Other combinations available on request.

Soft Start Valves

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
1/4	120VAC Solenoid + cable plug	P31SA92SGNA1FN		
1/4	24VDC Solenoid + cable plug	P31SA92SGNC2CN		
1/4	Air pilot operated	P31SA92PPN		
1/2	120VAC Solenoid + cable plug		P32SA94SCNA3GN	P32SA94SCNA3GN
1/2	24VDC (30mm coil & cable plug)		P32SA94SCNA2CN	P32SA94SCNA2CN
1/2	Internal air pilot operated		P32SA94Y0N	P32SA94Y0N
1/2	External air pilot (1/8 threaded)		P32SA94PPN	P32SA94PPN

Gauges

Port size	Description	P31 Series	Order Code P32 Series	P33 Series
	0-4 bar	P6G-PR10040	P6G-PR10040	
	0-11 bar	P6G-PR10110	P6G-PR10110	
	0-60 psi	P6G-PR90060	P6G-PR90060	
	0-160 psi	P6G-PR90160	P6G-PR90160	
	Flush gauge (0-60 psi)	K4511SCR060		
	Flush gauge (0-160 psi)	K4511SCR160		
1/8	0-30 psi (0 to 2 bar)	K4515N18030		
1/8	0-60 psi (0 to 4 bar)	K4515N18060		
1/8	0-160 psi (0 to 11 bar)	K4515N18160		
1/4	0-60 psi (0 to 4 bar)		K4520N14060	K4520N14060
1/4	0-160 psi (0 to 11 bar)		K4520N14160	K4520N14160
1/4	0-300 psi (0 to 20 bar)		K4520N14300	K4520N14300