

GLOBAL AIR PREPARATION SYSTEM

P3FRL-WC (Revised July 2025)

Filters - 5 micron element

Port Size	Description	P31 Series	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		P32FB94ESAN	P33FA94ESAN
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			P33FA96ESAN

Coalescing Filters - 0.01 micron element

Port Size	Description	P31 Series	P32 Series	P33 Series
1/4	Poly bowl - manual drain	P31FB92CGMN	P32FB92DGMN	
1/4	Poly bowl - pulse drain	P31FB92CGBN		
1/4	Poly bowl - auto drain		P32FB92DGAN	
1/4	Metal bowl - manual drain	P31FB92CMMN	P32FB92DSMN	
1/4	Metal bowl - pulse drain	P31FB92CMBN		
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		P32FB94DSAN	P33FA94DSAN
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			P33FA96DSAN

Adsorber Filters

Port Size	Description	P31 Series	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 *Common Port Regulators available

Port Size	Description	P31 Series	P32 Series	P33 Series
1/4	125 psi relieving	P31RB92BN5P	P32RB92BNNP	
1/4	125 psi relieving + gauge		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	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

Port sizes:



Operating Information

Maximum supply pressure:		150 psi (10 bar)	- Plastic bowl
		250 psi (17 bar)	- Metal bowl
Operating temperature:		125°F (52°C)	- Plastic bowl
		150°F (65.5°C)	- Metal bowl
Product:	P31 Series	P32 Series	P33 Series
	1/4	1/4	3/8
Filter	12 dm³/s (25 scfm)	24 dm³/s (50 scfm)	37 dm³/s (78 scfm)
Regulator	34 dm³/s (73 scfm)	84 dm³/s (179 scfm)	94 dm³/s (201 scfm)
Filter/Regulator	35 dm³/s (73 scfm)	78 dm³/s (166 scfm)	84 dm³/s (178 scfm)
Lubricator	25 dm³/s (52 scfm)	20 dm³/s (42 scfm)	29 dm³/s (61 scfm)

Filter / Regulators - 125 psi, self relieving

Port Size	Description	P31 Series	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	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 - Pulse drain		P32CA93GEANGLNW	
1/2	Poly bowl - Auto 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	P32QA92GEMNGLNW	
1/4	Poly bowl - Pulse drain	P31QA92GEBN5LNW		
1/4	Poly bowl - Auto drain		P32QA92GEANGLNW	
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. (Metal bowl)

Proportional Regulators

Port Size	Description	P31 Series	P32 Series	P33 Series
1/4	145 psig (0-10 bar), NC 0-10V	P31PA92AD2VD1A		
1/2	145 psig (0-10 bar), NC 0-10V		P32PA94AD2VD1A	

Gauges

		PSI	Bar	MPa
P31 Series Gauges	Square flush mount gauge	P31KA060XB	P31KA04BXB	P31KA04MXB
		P31KA160XB	P31KA11BXB	P31KA11MXB
		P31KA290XB	P31KA20BXB	P31KA20MXB

*For P31 Regulators with a date code prior to November 2023, please reference the catalog for a replacement gauge part number.

Port Size	Description	P31 Series	P32 Series	P33 Series
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

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

All products are NPT ported; BSPP version is also available.

Safety Exhaust Valve Cat 3/4

Port Size	Description	P31	P32	P33
3/4	Safety redundant - no soft start		P32DB96XXEN	P33DB96XXEN
3/4	Safety redundant - with soft start		P32TB96XXEN	P33TB96XXEN

Note: XX = pin out to suit PLC used (see catalog)

Soft Start Valves

Port Size	Description	P31 Series	P32 Series	P33 Series
1/4	120VAC Solenoid + cable plug	P31SA92SGNC1FN		
1/4	24VDC Solenoid + cable plug	P31SA92SGNC2CN		
1/2	120VAC Solenoid + cable plug		P32SA94SCNA3GN	P32SA94SCNA3GN
1/2	24VDC Solenoid + cable plug		P32SA94SCNA2CN	P32SA94SCNA2CN
1/2	Internal air pilot operated		P32SA94YON	P32SA94YON
1/2	External air pilot (1/8 threaded)		P32SA94PPN	P32SA94PPN

Combined Soft Start / Dump Valves

Port Size	Description	P31 Series	P32 Series	P33 Series
1/4	120VAC Solenoid + cable plug	P31TA92SGNC1FN		
1/4	24VDC Solenoid + cable plug	P31TA92SGNC2CN		
1/2	120VAC Solenoid + cable plug		P32TA94SCNA3GN	P32TA94SCNA3GN
1/2	24VDC Solenoid + cable plug		P32TA94SCNA2CN	P32TA94SCNA2CN
1/2	Air pilot operated		P32TA94PPN	P32TA94PPN

Note: For Cat 2, add factory sensor (see catalog)

Dump Valves

Port Size	Description	P31 Series	P32 Series	P33 Series
1/4	120VAC Solenoid + cable plug	P31DA92SGNC1FN		
1/4	24VDC Solenoid + cable plug	P31DA92SGNC2CN		
1/2	120VAC Solenoid + cable plug		P32DA94SCNA3GN	P32DA94SCNA3GN
1/2	24VDC Solenoid + cable plug		P32DA94SCNA2CN	P32DA94SCNA2CN
1/2	Air pilot operated		P32DA94PPN	P32DA94PPN

Note: For Cat 2, add factory sensor (see catalog)



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