

Parker One Pneumatic

Air Preparation

P31 Mini Series

40mm body width

1/4" Ported

Flows up to: dm^3/s (SCFM)

Filter	12	(25)
Coalescer	2	(4.2)
Regulator	30	(64)
Filter/Regulator	14	(30)
Lubricator	13	(28)

Features:

- Space saving integral gauge
- Manifold style regulators available
- OSHA compliant shut-off valves
- Soft-Start & Quick Dump valves
- Electronic Proportional Regulator



P32 Compact Series

60mm body width

1/4", 3/8", & 1/2" Ported

Flows up to: dm^3/s (SCFM)

Filter	38	(80)
Coalescer	11	(23)
Regulator	67	(142)
Filter/Regulator	64	(136)
Lubricator	47	(100)

Features:

- Manifold style regulators available
- OSHA Compliant shut-off valves
- Soft-Start & Quick Dump valves
- Electronic Proportional Regulator



P33 Standard Series

73mm body width

1/2" & 3/4" Ported

Flows up to: dm^3/s (SCFM)

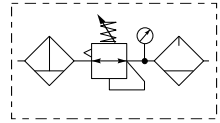
Filter	48	(102)
Coalescer	20	(42)
Regulator	100	(212)
Filter/Regulator	98	(208)
Lubricator	68	(144)

Features:

- OSHA Compliant shut-off valves
- Soft-Start & Quick Dump valves
(Utilizes P32 size only)
- Electronic proportional regulator
(Utilizes P32 size only)

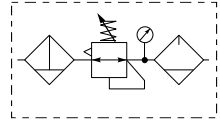


Popular Combinations



Filter + Regulator + Lubricator Combinations + Poly bowl
5 micron element, 8 bar (116 psig) Regulator + Gauge and Wall Mounting Brackets
Inlet pressure 10 bar (145 psig), Secondary pressure 6.3 bar (91.3 psig),
1 bar (14.5 psig) pressure drop.

Port size	Flow dm ³ /s (scfm)	Manual Drain	Weight	Pulse Drain	Weight
1/4"	13 27	P31CB22GEMN6LNW	0.46 kg (1.01 lbs)	P31CB22GEBN6LNW	0.46 kg (1.01 lbs)



Filter/Regulator + Lubricator Combinations + Poly bowl
5 micron element, 8 bar (116 psig) Regulator + Gauge and Wall Mounting Brackets
Inlet pressure 10 bar (145 psig), Secondary pressure 6.3 bar (91.3 psig),
1 bar (14.5 psig) pressure drop.

Port size	Flow dm ³ /s (scfm)	Manual Drain	Weight	Pulse Drain	Weight
1/4"	14 28	P31CA22GEMN6LNW	0.35 kg (0.77 lbs)	P31CA22GEBN6LNW	0.35 kg (0.77 lbs)

Filter / Regulator coding
(use with codes: A M T)

Filter coding
(use with combo codes: B C D F G). For multiple filters, repeat as needed

Regulator coding
(use with combo codes: B D E)

Lubricator coding
(use with combo codes: A B C E)

Assembly configuration

<p>P 3 1</p> <table border="1"> <tr> <th colspan="2">Combination</th> <th>Q</th> </tr> <tr> <td>B/V + Combination</td> <td></td> <td>Q</td> </tr> <tr> <td>Combination + B/V</td> <td></td> <td>X</td> </tr> <tr> <td>Combination</td> <td></td> <td>C</td> </tr> <tr> <td>Shut off + Combination</td> <td></td> <td>Y</td> </tr> <tr> <td>Combination + Shut off</td> <td></td> <td>Z</td> </tr> </table> <table border="1"> <tr> <th colspan="2">Combination type*</th> <th>A</th> <th>M</th> <th>B</th> <th>Q</th> <th>F</th> <th>T</th> <th>G</th> </tr> <tr> <td>F/R+L</td> <td>F/R+Fc</td> <td>A</td> <td>M</td> <td>B</td> <td>Q</td> <td>F</td> <td>T</td> <td>G</td> </tr> <tr> <td>F+R+L</td> <td>F+Fc1+Fc</td> <td>B</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>F+Fc</td> <td>F/R+Fc+Fa</td> <td>F</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>F+Fc+Fa</td> <td></td> <td>G</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>* Combination type F = 5µ Fc1 = 1µ Fc = .01µ Fa = Adsorber</p> <table border="1"> <tr> <th colspan="2">Thread type</th> <th>1</th> <th>2</th> <th>9</th> </tr> <tr> <td>BSPP</td> <td>1</td> <td>BSPT</td> <td>2</td> <td>NPT</td> <td>9</td> </tr> </table> <table border="1"> <tr> <th colspan="2">Port size</th> <th>1</th> <th>2</th> </tr> <tr> <td>1/8</td> <td>1</td> <td>1/4</td> <td>2</td> </tr> </table> <table border="1"> <tr> <th colspan="2">Bowl type</th> <th>G</th> <th>M</th> </tr> <tr> <td>Poly bowl with bowl guard</td> <td></td> <td>G</td> <td>M</td> </tr> <tr> <td>Metal bowl without sight gauge</td> <td></td> <td></td> <td>M</td> </tr> </table> <p>Note: All bowl types are the same for each component Example: If a "G" is specified for a F+L, both units would get a poly bowl with bowl guard.</p>	Combination		Q	B/V + Combination		Q	Combination + B/V		X	Combination		C	Shut off + Combination		Y	Combination + Shut off		Z	Combination type*		A	M	B	Q	F	T	G	F/R+L	F/R+Fc	A	M	B	Q	F	T	G	F+R+L	F+Fc1+Fc	B							F+Fc	F/R+Fc+Fa	F							F+Fc+Fa		G							Thread type		1	2	9	BSPP	1	BSPT	2	NPT	9	Port size		1	2	1/8	1	1/4	2	Bowl type		G	M	Poly bowl with bowl guard		G	M	Metal bowl without sight gauge			M	<table border="1"> <tr> <th colspan="2">Element</th> <th>E</th> <th>C</th> <th>9</th> <th>A</th> </tr> <tr> <td>5µ Element</td> <td>E</td> <td>0.01µ Element</td> <td>C</td> <td>1µ Element</td> <td>9</td> <td>Adsorber</td> <td>A</td> </tr> </table> <table border="1"> <tr> <th colspan="2">Drain type</th> <th>M</th> <th>B</th> </tr> <tr> <td>Manual drain</td> <td>M</td> <td>Pulse drain</td> <td>B</td> </tr> </table>	Element		E	C	9	A	5µ Element	E	0.01µ Element	C	1µ Element	9	Adsorber	A	Drain type		M	B	Manual drain	M	Pulse drain	B	<table border="1"> <tr> <th colspan="2">Relief / Adjustment</th> <th>N</th> </tr> <tr> <td>Non-rising knob</td> <td>N</td> <td></td> </tr> </table> <table border="1"> <tr> <th colspan="2">Adjustment Range</th> <th>2</th> <th>4</th> <th>6</th> </tr> <tr> <td colspan="2">With square gauge</td> <td>2 bar (0.2 MPa) *</td> <td>2</td> <td>4 bar (0.4 MPa) *</td> <td>4</td> <td>8 bar (0.8 MPa) **</td> <td>6</td> </tr> <tr> <td colspan="2">With round gauge</td> <td>2 bar (0.2 MPa)</td> <td>Z</td> <td>4 bar (0.4 MPa)</td> <td>M</td> <td>8 bar (0.8 MPa)</td> <td>G</td> </tr> <tr> <td colspan="2">Without gauge</td> <td>2 bar (0.2 MPa)</td> <td>Y</td> <td>4 bar (0.4 MPa)</td> <td>L</td> <td>8 bar (0.8 MPa)</td> <td>N</td> </tr> </table> <p>* With 0-0.4 MPa gauge ** With 0-1.1 MPa gauge</p>	Relief / Adjustment		N	Non-rising knob	N		Adjustment Range		2	4	6	With square gauge		2 bar (0.2 MPa) *	2	4 bar (0.4 MPa) *	4	8 bar (0.8 MPa) **	6	With round gauge		2 bar (0.2 MPa)	Z	4 bar (0.4 MPa)	M	8 bar (0.8 MPa)	G	Without gauge		2 bar (0.2 MPa)	Y	4 bar (0.4 MPa)	L	8 bar (0.8 MPa)	N	<table border="1"> <tr> <th colspan="2">Lub type</th> <th>L</th> <th>N</th> </tr> <tr> <td>Oil mist standard sight dome</td> <td>L</td> <td>No drain; closed end</td> <td>N</td> </tr> </table>	Lub type		L	N	Oil mist standard sight dome	L	No drain; closed end	N	<table border="1"> <tr> <th colspan="2">Mounting</th> <th>A</th> <th>C*</th> <th>D*</th> <th>W</th> </tr> <tr> <td>No bracket</td> <td>A</td> <td>Port blocks & wall brkt</td> <td>C*</td> <td>Port blocks & wall brkt</td> <td>D*</td> <td>Wall bracket</td> <td>W</td> </tr> </table> <p>* For 3/8" Port Blocks please order separately. See Kits section.</p>	Mounting		A	C*	D*	W	No bracket	A	Port blocks & wall brkt	C*	Port blocks & wall brkt	D*	Wall bracket	W
Combination		Q																																																																																																																																																																															
B/V + Combination		Q																																																																																																																																																																															
Combination + B/V		X																																																																																																																																																																															
Combination		C																																																																																																																																																																															
Shut off + Combination		Y																																																																																																																																																																															
Combination + Shut off		Z																																																																																																																																																																															
Combination type*		A	M	B	Q	F	T	G																																																																																																																																																																									
F/R+L	F/R+Fc	A	M	B	Q	F	T	G																																																																																																																																																																									
F+R+L	F+Fc1+Fc	B																																																																																																																																																																															
F+Fc	F/R+Fc+Fa	F																																																																																																																																																																															
F+Fc+Fa		G																																																																																																																																																																															
Thread type		1	2	9																																																																																																																																																																													
BSPP	1	BSPT	2	NPT	9																																																																																																																																																																												
Port size		1	2																																																																																																																																																																														
1/8	1	1/4	2																																																																																																																																																																														
Bowl type		G	M																																																																																																																																																																														
Poly bowl with bowl guard		G	M																																																																																																																																																																														
Metal bowl without sight gauge			M																																																																																																																																																																														
Element		E	C	9	A																																																																																																																																																																												
5µ Element	E	0.01µ Element	C	1µ Element	9	Adsorber	A																																																																																																																																																																										
Drain type		M	B																																																																																																																																																																														
Manual drain	M	Pulse drain	B																																																																																																																																																																														
Relief / Adjustment		N																																																																																																																																																																															
Non-rising knob	N																																																																																																																																																																																
Adjustment Range		2	4	6																																																																																																																																																																													
With square gauge		2 bar (0.2 MPa) *	2	4 bar (0.4 MPa) *	4	8 bar (0.8 MPa) **	6																																																																																																																																																																										
With round gauge		2 bar (0.2 MPa)	Z	4 bar (0.4 MPa)	M	8 bar (0.8 MPa)	G																																																																																																																																																																										
Without gauge		2 bar (0.2 MPa)	Y	4 bar (0.4 MPa)	L	8 bar (0.8 MPa)	N																																																																																																																																																																										
Lub type		L	N																																																																																																																																																																														
Oil mist standard sight dome	L	No drain; closed end	N																																																																																																																																																																														
Mounting		A	C*	D*	W																																																																																																																																																																												
No bracket	A	Port blocks & wall brkt	C*	Port blocks & wall brkt	D*	Wall bracket	W																																																																																																																																																																										