

Airpel® -FFR Product Specifications



PFRN3-1



SFRN3-1

High Flow System Specifications	System Components			
	High Precision Regulator	Standard Regulator	5 micron Filter	0.01 micron Coalescing Filter
System # PFRN3-1 (NPT ports)	PRN3-1	n/a	F5N3-1	FCN3-1
System # PFRG3-1 (G ports)	PRG3-1	n/a	F5G3-1	FCG3-1
System # SFRN3-1 (NPT ports)	n/a	SRN3-1	F5N3-1	FCN3-1
System # SFRG3-1 (G ports)	n/a	SRG3-1	F5G3-1	FCG3-1
Working Fluid	Clean Compressed Air	Compressed Air	Compressed Air	Compressed Air
Max. Working Pressure	150 psi / 1 MPa	150 psi / 1 MPa	150 psi / 1 MPa	15 to 150 psi / 0.1 to 1.0 MPa
Min. Working Pressure	Set Pressure +14.5 psi / 0.1 MPa	n/a	n/a	n/a
Withstanding Pressure	220 psi / 1.5 MPa	220 psi / 1.5 MPa	220 psi / 1.5 MPa	220 psi / 1.5 MPa
Ambient Temp. Range/Fluid temp.	-5 to 60 °C (to be unfrozen)	5 to 60 °C	5 to 60 °C	5 to 60 °C
Set Pressure Range	5 to 120 psi / 0.03 to 0.85 MPa	7 to 120 psi / 0.05 to 0.85 MPa	n/a	n/a
Sensitivity	.25 psi / 0.0017 MPa	n/a	n/a	n/a
Repeatability	.63 psi / 0.0043 MPa	n/a	n/a	n/a
Air Consumption	≤ 5 Std. L/min	n/a	n/a	n/a
Filtration Rating	n/a	n/a	5 micron	0.01 micron
Relief Mechanism	Included	Included	n/a	n/a
Drain Capacity	n/a	n/a	45 cm ³	45 cm ³
Port Size NPT or G	3/8	3/8	3/8	3/8
Product Weight	470 g	450 g	250 g	280 g
Standard Accessories	n/a	Pressure gauge, nut for panel mount	Bowl Guard	Bowl Guard
Maximum Flow Rate Primary Side Pressure 0.7 MPa / Pressure Drop 0.01 MPa	n/a	n/a	360 Std. L/min	360 Std. L/min
Secondary Side Oil Concentration	n/a	n/a	n/a	≤ 0.01 mg/m ³