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Downstream Fluid Regulators

Model Number	Base Housing	Seat	Regulated Pressure Range PSI (bar)	Working Pressure W/Gauge PSI(bar)	Maximum Inlet Pressure PSI (bar)	Gauge Pressure Range PSI (bar)
3/8" ports, standard flow to 3 GPM (11.4 liters)						
Gauge Included.						
651780-A1A-B	C/S	T/C	400-1,250 (28-86)	–	3,000 (207)	–
651780-A1B-B	C/S	T/C	1,000-3,000 (69-207)	–	6,000 (414)	–
651780-A3A-B	S/S	T/C	400-1,250 (28-86)	–	3,000 (207)	–
651780-A3B-B	S/S	T/C	1,000-3,000 (69-207)	–	6,000 (414)	–
3/8" ports, high-flow to 6 GPM (22.7 liters)						
Gauge Included.						
651790-B1D-B	Z/A	T/C	30-200 (2-14)	600 (41.4)	1250 (86)	0-300 (0-20)
651790-B1E-B	Z/A	T/C	100-800 (7-55)	1,250 (86.2)	1250 (86)	0-1,000 (0-69)
651790-B3D-B	S/S	T/C	30-200 (2-14)	600 (41.4)	1250 (86)	0-300 (0-20)
651790-B3E-B	S/S	T/C	100-800 (7-55)	1,250 (86.2)	1250 (86)	0-1,000 (0-69)
Gauge Not Included.						
651780-B1A-B	C/S	T/C	400-1,250 (28-86	–	3,000 (207)	–
651780-B1B-B	C/S	T/C	1,000-3,000 (69-207)	–	6,000 (414)	–
651780-B3A-B	S/S	T/C	400-1,250 (28-86)	–	3,000 (207)	–
651780-B3B-B	S/S	T/C	1,000-3,000 (69-207)	–	6,000 (414)	–
3/4" ports, mastic-flow to 20 GPM (75.7 liters)**						
Gauge Not Included.						
651780-C1C-B	C/S	T/C	2,000-3,000 (138-345)	–	6,000 (414)	–
651780-C3B-B	S/S	T/C	750-2,500 (52-172)	–	6,000 (414)	–
3/8" ports, remote models, flow to 6 GPM (22.7 liters)						
Gauge Not Included.						
****651790-B4R-B**	S/S	3/S	30-200 (2-14)	50 (34)	–	–
651780-B1R-B	C/S	T/C	400-5,000 (14-345)	–	6,000 (414)	-
651780-B3R-B	S/S	T/C	400-5,000 (14-345)	–	6,000 (414)	-

** Flow rates tested in 30 wt. oil.

Model Number	Base Housing	Seat	Regulated Pressure Range PSI (bar)	Working Pressure W/Gauge PSI(bar)	Maximum Inlet Pressure PSI (bar)	Gauge Pressure Range PSI (bar)
3/4" ports, remote models, mastic-flow to 20 GPM (75.7 liters)**						
Gauge Not Included.						
651780-C1R-B	C/S	T/C	750-5,000 (52-345)	–	6,000 (414)	–
651780-C3R-B	S/S	T/C	750-5,000 (52-345)	–	6,000 (414)	–

** Flow rates tested in 55 CPS material.



3/8" Ports Model



3/4" Ports Model



High Pressure Remote Model

Material Codes

Code	Description
3/S	300 Series Stainless Steel
4/S	400 Series Stainless Steel
C/S	Carbon Steel

Code	Description
T/C	Tungsten Carbide
S/S	Stainless Steel
Z/A	Zinc Aluminum
Z	Zinc

Adapters

For mounting gauges on high pressure fluid regulators

Model	Port Size	Type
92968	3/8"	Dual Outlet Ports
92969	3/8"	Single Outlet Ports

Gauges

Model	Material	Max. Gauge Press. PSI (Bar):	Thread Size:
29975	Brass or Aluminum	160 (11)	1/8" (M)
29882	Brass or Aluminum	60 (4)	1/8" (M)
29883	Brass or Aluminum	160 (11)	1/8" (M)
29916	Stainless Steel	0-3000 (0-204)	1/8" (M)
100090	Brass	60 (4)	1/4" (M)
65107	Stainless Steel	0-100 (0-7)	1/4" (M)
100067	Brass or Aluminum	160 (11)	1/4" (M)
100083	Brass or Aluminum	300 (21)	1/4" (M)
93504-1	Stainless Steel	0-1000 (0-70)	1/4" (M)
93505-1	Brass or Aluminum	0-3000 (0-204)	3/8" (M)
93506-1	Stainless Steel	0-3000 (0-204)	3/8" (M)
93507-1	Brass or Aluminum	0-5000 (0-340)	3/8" (M)

Get in the ZONE (IR) ARO

Automatic Extrusion Guns

Model Number	Description	Pumps Used With		Port Size In. NPT		Working Pressure PSI (Bar)
651511	**Flow Gun -** Requires 4-way air valve to open and close. Adjusting screw varies stroke length. Secures to 1/2" diameter rod by allen screw. Aluminum body with tungsten carbide seats. Order 66541-XX Extrusion Nozzle Kit separately.	5000 (345)	3/8 NPT (F) (2)	.250 (6) & 11/16-16 (M)	(2) 1/8 F	50 (3.4) at 2000 PSI (138 bar) fluid pressure
651513-11-B	**Flow Gun -** Has air open, spring return cylinder. Requires 3-way air valve to open. Adjusting screw varies stroke length. Secures to 1/2" diameter rod by allen screw. 316 stainless steel with tungsten carbide seat. Order 66541-XX Extrusion Nozzle Kit separately.	5000 (345)	1/4 NPS (M)	.093 (2.3) & 11/16-16 (M)	1/8 (F)	50 (3.4) at 2000 PSI (138 bar) fluid pressure
651536-1	**Snuff-Back Gun -** High flow automatic dispensing gun is designed to handle high-viscosity materials. Requires a 4-way air valve to open and close.	5000 (345)	3/8 NPT (F) (2)	1/4 NPT (F)	(2) 1/8 NPT (F)	
651537-1	**Flow Gun -** Similar to 651511 except with carbon steel body and has ball seat located at material inlet and of valve seat assembly.	5000 (345)	3/8 NPT (F)	3/8 18 (M)	(2) 1/8 NPT (F)	50 (3.4) at 2000 PSI (138 bar) fluid pressure



651511



651513

Extrusion Gun Nozzle Kits

Model Number	Orifice Diameter	Model Number	Orifice Diameter	Model Number	Orifice Diameter
66541-XX	**Extrusion Nozzle Kit -** Used on manual or automatic extrusion guns. Hardened steel assembly includes nozzle and cap. 11/16-16 UN(F).				
66541-3	.031	**66541-9**	.093	**66541-17**	.172
66541-4	.046	**66541-12**	.125	**66541-18**	.187
66541-6	.063	**66541-15**	.156	**66541-25**	.250
				66541-37	.375



66541-XX

Material Filters

Model Number	Maximum Fluid Pressure PSI (Bar)	Filter Mesh	Filter Microns	Filter Inlet(s) Size (Qty) NPT	Filter Outlet(s) Size (Qty) NPT
1/4" fluid inlet/carbon steel construction					
651412 SAVE	5,000 (345)	70	200	1/4-F (2)	1/4-F (3) Bottom
1/2" fluid inlet/stainless steel construction (passivated)					
651422-40	6,000 (414)	40	375	1/2-F (2)	1/2-F (1)
651422-70	6,000 (414)	70	200	1/2-F (2)	1/2-F (1)
651422-100	6,000 (414)	100	149	1/2-F (2)	1/2-F (1)
1/2" fluid inlet/carbon steel construction (e-nickel plated)					
651420-40	6,000 (414)	40	375	1/2-F (2)	1/2-F (1)
651420-70	6,000 (414)	70	200	1/2-F (2)	1/2-F (1)
651420-100	6,000 (414)	100	149	1/2-F (2)	1/2-F (1)
651421-70	6,000 (414)	Dual Screens		1-8	3/4-F (1)
1" fluid inlet/carbon steel construction (e-nickel plated)					
651418-40-B	6,000 (414)	40	375	1-F (2)	3/8-F (3)
651418-70-B	6,000 (414)	70	200	1-F (2)	3/8-F (3)
651418-100-B	6,000 (414)	100	149	1-F (2)	3/8-F (3)



651418-XX-B



651412-



651420-XX-B

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