

AF0665 Series Pumps 65:1 Ratio, 6" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	65:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	3/4" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	0 - 115 (0 - 7.9)
Fluid Pressure Range psi (bar)	0 - 7475 (0 - 515.5)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	5.2 (84.6)
Cycles/gal (L)	44.8 (11.9)
Flow @ 60 Cycles gpm (L/min)	1.3 (5.1)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	67 (30.4)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking	Mastics	Sealants
Inks	Heavy Lubricants	



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel, Nickel-Plated					
AF0665S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	67348-C43	637464-C43
AF0665S11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Mineral Filled PTFE (Staggered)	UHMW-PE	67348-P43	637464-P43

**Add "-1" to Model No. for Ball Valve Regulator

RECOMMENDED ACCESSORIES

67445-2 Muffler Kit	66334-B Wet-Sol Packing Lubricant	23644-400 ARO-Stop Valve	65139 Floor Mount	67442 Ball Valve Regulator	637489 Universal Air Motor Service Kit

DIMENSIONS

A ¹ in (mm)	54.01 (1371.83)
B in (mm)	30.74 (780.69)
C in (mm)	17.74 (450.49)

¹For models without ball valve regulator subtract 2.08 in (52.83 mm)

For manuals, flow curves, and more

ingersollrandproducts.com/AFX

For simple pump selection or application assistance

(800) 495-0276 arohotline@irco.com

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Ingersoll Rand
Industrial Technologies

65:1 Ratio Pump Packages



SPX Series
Single Post Ram



TPX Series
Two Post Ram



TPX Series
Two Post Ram



Packages						
Model No.	Package Type	Pump Model	Ram/Lift Model	Follower	Follower Description	Material
SP0665S21FF47A72	5 Gallon Single Post Ram	AF0665S11FF47	RM051S-C	67347-2	Single Tube, EPR	Aluminum
SP0665S21FF47A82	5 Gallon Single Post Ram	AF0665S11FF47	RM051S-C	67347-1	Single Tube, Neoprene	Aluminum
SP0665S21FF47E32	5 Gallon Single Post Ram	AF0665S11FF47	RM051S-C	67342-1	Single Lip, Polyurethane/Urethane	Carbon Steel, Electroless Nickel Coating
SP0665S21FF47EA2	5 Gallon Single Post Ram	AF0665S11FF47	RM051S-C	66732-1	Double Lip, Polyurethane	Carbon Steel, Electroless Nickel Coating
TP0665S21FF47E32	5 Gallon Two Post Ram	AF0665S11FF47	RM052S-C	67342-1	Single Lip, Polyurethane/Urethane	Carbon Steel, Electroless Nickel Coating
TP0665S21FF47EA2	5 Gallon Two Post Ram	AF0665S11FF47	RM052S-C	66732-1	Double Lip, Polyurethane	Carbon Steel, Electroless Nickel Coating
TP0665S21FF47A72	5 Gallon Two Post Ram	AF0665S11FF47	RM052S-C	67347-2	Single Tube, EPR	Aluminum
TP0665S21FF47A82	5 Gallon Two Post Ram	AF0665S11FF47	RM052S-C	67347-1	Single Tube, Neoprene	Aluminum
TP0665S51FF47AA2	55 Gallon Two Post Ram	AF0665S11FF47	RM552S-C	66516-1	Double Lip, Polyurethane	Aluminum
TP0665S51FF47AC2	55 Gallon Two Post Ram	AF0665S11FF47	RM552S-C	66516	Double Lip, Nitrile	Aluminum
TP0665S51FF47AM2	55 Gallon Two Post Ram	AF0665S11FF47	RM552S-C	67195-1	Double Tube, Neoprene	Aluminum
TP0665S51FF47AN2	55 Gallon Two Post Ram	AF0665S11FF47	RM552S-C	67195-2	Double Tube, EPR	Aluminum
TP0665S51GF47AN2	55 Gallon Two Post Ram	AF0665S11GF47	RM552S-C	67195-2	Double Tube, EPR	Aluminum

RECOMMENDED ACCESSORIES



Extrusion Guns

651500 For material over 200,000 cP 3/8" (F) inlet
651533 For low- to medium-viscosity fluids 1/4" NPS (M) inlet



Extrusion Gun Nozzle Kits

66541-6 Orifice .063" (1.63 mm), **66541-9** Orifice .093" (2.36 mm),
66541-2 Orifice .125" (3.17 mm)



Swivel

636085 Straight, 3/8" (M) x 3/8" (F) / fabric with neoprene / 8,000 psi (552 bar) max. working pressure
636088 Z-360°, 3/8" (M) x 3/8" (F) / fabric with neoprene / 8,000 psi (552 bar) max. working pressure
75364 Straight, for use with 651533 gun / 1/4"-18 NPTF to 1/4"-18 NPSM / 10,000 psi (690 bar) max working pressure



Material Filters

1/2" F (2) inlet 1/2" F (1) outlet / 6,000 psi (414 bar) max. / 200 micron
651420-70 for Carbon Steel
651422-70 for Stainless Steel



3/8" Fluid Pressure Regulators

651780-A3A-B Regulated 400 – 1,250 psi (28 – 86 bar) / 3,000 psi (207 bar) max. inlet / stainless steel
651780-B1A-B Regulated 400 – 1,250 psi (28 – 86 bar) / 3,000 psi (207 bar) max. inlet / carbon steel
651780-B1B-B Regulated 1,000 – 3,000 psi (69 – 345 bar) / 6,000 psi (414 bar) max. inlet / carbon steel
651780-B3R-B Regulated 400 – 5,000 psi (28 – 345 bar) / 6,000 psi (414 bar) max. inlet / stainless steel

Other Accessories & Repair Kits

62274	Air Line Oil
96916	Standard Air Motor Muffler
66333-B	Wet-Sol (1 Quart)
66354-1	Stabilizing Bracket
637489	Universal Air Motor Service Kit
637465	5 Gallon Single Post Ram Repair Kit
637466	5 Gallon Two Post Ram Repair Kit
637491	55 Gallon Two Post Ram Repair Kit (RM552S-X)
67448	Cross Over Kit
67500	Low-Level Cut-Off Kit

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