

# INFINITY SERIES AIR PUMP

PA60A

700 bar/10,000 psi



# 700 BAR (10,000 PSI) INFINITY SERIES (ISP) AIR PUMP

The SPX PA60A is an Infinity Stage Air Pump which increases productivity on the job by providing continuous pressure for up to 2x the speed of typical 2-stage pumps. Jobs get done faster and easier.

### Quality means Lower Life-Cycle Costs:

- Over 100,000 cycles
- Continuous duty up to 50°C (122°F) ambient
- Proven design = Proven reliability

### Enhanced Usability:

- Light weight and portable: 34.9 kg (77 lb) [without oil] PA60APF5FP
- Light weight and portable: 40.1 kg (88 lb) [without oil] PA60APF5FMPR
- Removable control pendant (7.6 m/ 25 ft)
- Removable 100 mm (4"), calibration-capable gauge
- CE
- ATEX  $\text{Ex}$  II 2 GDc T4
- 4 port manifold available to power up to 4 tools from a single pump (not for lifting applications)
- Fewer parts for lower service cost

### Designed with Safety in Mind:

- Easily adjusted pressure regulator (relief) valve
- Fixed 103 bar (1,500 psi) retract relief valve pressure

## DESIGNED FOR

Electric



Air



Gas



Hand



MAINTENANCE  
& REPAIR

ORIGINAL  
INSTALL

Split



Tension



Torque



Max  
Flow



## Specifications and Dimensional Data

**Size (L x W x H):** 50 cm x 36 cm x 51 cm  
19.6" x 14.0" x 20.2" (PA60APF5FMP)

**Size (L x W x H):** 47 cm x 30 cm x 53 cm  
18.6" x 11.8" x 21.0" (PA60APF5FMPR)

**Weight:**

34.9 kg (76.9 lb) [without oil] PA60APF5FP  
36.9 kg (81.5 lb) [without oil] PA60APF5FMP  
37.9 kg (83.7 lb) [without oil] PA60APF5FPR  
40.0 kg (88.3 lb) [without oil] PA60APF5FMPR

**Maximum Oil Capacity:** (vented reservoir)

8.5 L (2.2 Gallons) [to fill line]  
7.0 L (1.8 Gallons) [usable]

**Operating Environment:**

-25°C to +50°C (-13°F to +122°F)

(When operating near temperature extremes, it is recommended to use hydraulic oils that are rated for those temperatures. Refer to service manuals and cooling options)

**Sound Level:** 76 dBA (max)

**Pressure:** 0 - 700 bar (0 - 10,000 psi)

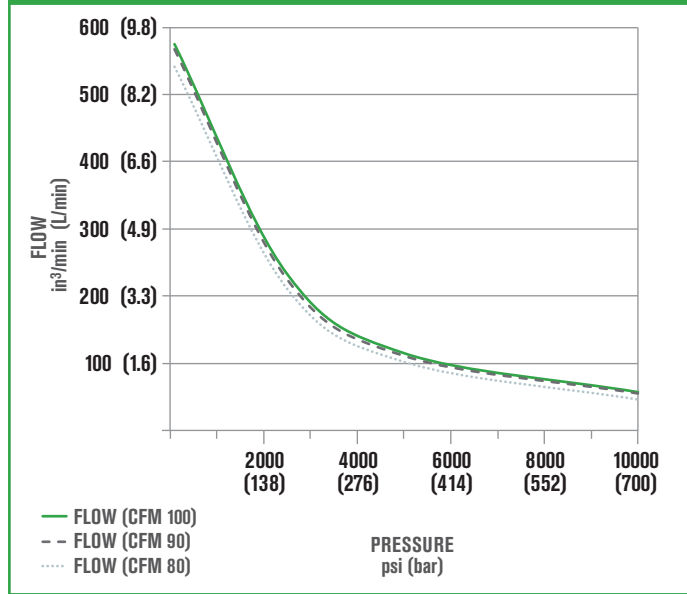
**Typical Flow:** 9.4 L/min - 0.8 L/min  
(575 in<sup>3</sup>/min - 48 in<sup>3</sup>/min)

**Air:** 2.3 m<sup>3</sup>/min @ 5.5 bar (80 cfm @ 80 psi)  
2.5 m<sup>3</sup>/min @ 6.2 bar (90 cfm @ 90 psi)  
2.8 m<sup>3</sup>/min @ 6.9 bar (100 cfm @ 100 psi)

\* Values shown are with filter/regulator/lubricator.  
Values will increase without filter/regulator/  
lubricator.



Typical Flow Curve



### Hydraulic Oil Delivery

	@ 100 cfm	@ 90 cfm	@ 80 cfm
750 psi 51 bar	575 in <sup>3</sup> /min (9.4 L/min)	567 in <sup>3</sup> /min (9.3 L/min)	541 in <sup>3</sup> /min (8.9 L/min)
2,500 psi 175 bar	233 in <sup>3</sup> /min (3.8 L/min)	225 in <sup>3</sup> /min (3.7 L/min)	211 in <sup>3</sup> /min (3.4 L/min)
5,000 psi 350 bar	115 in <sup>3</sup> /min (1.9 L/min)	111 in <sup>3</sup> /min (1.8 L/min)	102 in <sup>3</sup> /min (1.7 L/min)
10,000 psi 700 bar	57 in <sup>3</sup> /min (0.9 L/min)	55 in <sup>3</sup> /min (0.9 L/min)	46 in <sup>3</sup> /min (0.8 L/min)

### Ordering Information

Order No.	Description
PA60APF5FMP	PUMP, ISP 60 CU-IN/MIN, AIR/HYD, 4-PORT
PA60APF5FMPR	PUMP, ISP 60 CU-IN/MIN, AIR/HYD 4-PORT, Roll Cage
PA60APF5FP	PUMP, ISP 60 CU-IN/MIN, AIR/HYD
PA60APF5FPR	PUMP, ISP 60 CU-IN/MIN, AIR/HYD, Roll Cage