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
- ATEX 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
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 in³/min - 48 in³/min)

**Air:**
- 2.3 m³/min @ 5.5 bar (80 cfm @ 80 psi)
- 2.5 m³/min @ 6.2 bar (90 cfm @ 90 psi)
- 2.8 m³/min @ 6.9 bar (100 cfm @ 100 psi)

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

## Hydraulic Oil Delivery

<table>
<thead>
<tr>
<th>Pressure</th>
<th>@ 100 cfm</th>
<th>@ 90 cfm</th>
<th>@ 80 cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td>750 psi</td>
<td>575 in³/min (9.4 L/min)</td>
<td>567 in³/min (9.3 L/min)</td>
<td>541 in³/min (8.9 L/min)</td>
</tr>
<tr>
<td>51 bar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,500 psi</td>
<td>233 in³/min (3.8 L/min)</td>
<td>225 in³/min (3.7 L/min)</td>
<td>211 in³/min (3.4 L/min)</td>
</tr>
<tr>
<td>175 bar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5,000 psi</td>
<td>115 in³/min (1.9 L/min)</td>
<td>111 in³/min (1.8 L/min)</td>
<td>102 in³/min (1.7 L/min)</td>
</tr>
<tr>
<td>350 bar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10,000 psi</td>
<td>57 in³/min (0.9 L/min)</td>
<td>55 in³/min (0.9 L/min)</td>
<td>46 in³/min (0.8 L/min)</td>
</tr>
<tr>
<td>700 bar</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Ordering Information

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA60APF5FMP</td>
<td>PUMP, ISP 60 CU-IN/MIN, AIR/HYD, 4-PORT</td>
</tr>
<tr>
<td>PA60APF5FMPR</td>
<td>PUMP, ISP 60 CU-IN/MIN, AIR/HYD 4-PORT, Roll Cage</td>
</tr>
<tr>
<td>PA60APF5FP</td>
<td>PUMP, ISP 60 CU-IN/MIN, AIR/HYD</td>
</tr>
<tr>
<td>PA60APF5FPR</td>
<td>PUMP, ISP 60 CU-IN/MIN, AIR/HYD, Roll Cage</td>
</tr>
</tbody>
</table>