Operating Instructions and Spare Parts List

ADU 3 Air Distribution Unit
# Table of Contents

## Operating instructions
- Description .......................................................... 1
- Technical specifications ............................................. 1

## Spare Parts List
- Ordering Spare Parts ............................................... 3
- ADU 3 Air Distributor Unit ........................................... 4
ADU 3 Air Distribution Unit

Description

The ADU 3 Air Distribution Unit is only used to distribute the pressure air to the PGC 1 controls on a multiple APS 1 system with more than 10 guns, and a single ADU 1 is used or when prefluidizing, and fluidizing air are not required or when the prefluidizing, and fluidizing air are supplied from another source (i.e. booth, etc).

Main compressed air input
(1/2” B.S.P.-female)

Pressure reducing valve 
with oil/water filter

Front view of the ADU 3 Air distribution unit

Figure 1

Technical specifications :

Pneumatic data :

- Input pressure : 7-10 bar.
- Air consumption : Depending on the number of units connected.
- Max. water vapour : 1.3 g/m³.
- Max. oil vapour : 0.1 ppm.
Notes:
Spare Parts List

Ordering Spare Parts

When ordering spare parts for powder coating equipment, please indicate the following specifications:

1. Type, and serial number of your powder coating equipment

2. Order number, quantity, and description of each spare part

Example:
1. Type: ADU 3   Serial no: XXXX XXXX

2. Order no: 203 211, 1 piece, Input Pressure valve.

When ordering cable or hose material the length required must also be given. The spare part numbers of this yard/metre ware is always marked with an *.

The spare part number of yard/metre ware always begins with 1... ...

All wear parts are marked with a #.

All dimensions of plastic hoses are given as external and internal diameters:

e.g. ø 8 / 6 mm = 8 mm outside diameter (o/d) / 6 mm inside diameter (i/d).
**Spare Parts**

**ADU 3 Air Distribution Unit**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ADU 3 Air Distribution Unit (complete)</td>
<td>341 738</td>
</tr>
<tr>
<td>1</td>
<td>Elbow connection</td>
<td>238 287</td>
</tr>
<tr>
<td>2</td>
<td>Angular distributor - 3/8&quot;-10x ø 8 mm</td>
<td>238 007</td>
</tr>
<tr>
<td>3</td>
<td>Plug - 3/8&quot;</td>
<td>203 319</td>
</tr>
<tr>
<td>4</td>
<td>Lead-through - 1/2&quot;-3/8&quot;</td>
<td>223 794</td>
</tr>
<tr>
<td>5</td>
<td>Input pressure valve</td>
<td>203 211</td>
</tr>
<tr>
<td>6</td>
<td>Pressure gauge - 0-7 bar</td>
<td>203 289</td>
</tr>
<tr>
<td>7</td>
<td>Plastic hose - ø 8 / 6 mm (black)</td>
<td>103 152*</td>
</tr>
<tr>
<td>8</td>
<td>Quick-release connection - ø 8 /6 mm</td>
<td>203 181</td>
</tr>
<tr>
<td>9</td>
<td>Plug</td>
<td>238 023</td>
</tr>
</tbody>
</table>

* Indicate length required
ADU 3 Air Distribution Unit (seen from below)