Installation Plan

Tumble dryer

PT 8407 D (Steam Heated)
It is essential to read the operating and installation instructions before installing, commissioning or using the machine. This avoids the risk of accidents or damage.
PT 8407 D - measurements in inches
Standard installation

Option: Installation on concrete base (BS)

A - A

B - B

PT 8407 D - measurements in inches
Standard installation

Option: Installation on concrete base (BS)
## Optional extras:

<table>
<thead>
<tr>
<th>BS</th>
<th>Concrete base</th>
<th>Quality and density of concrete must comply with load. Concrete base must be firmly secured to floor!</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Recommended height 3 15/16&quot; 100 mm Minimum height 1 31/32&quot; 50 mm Minimum width 35 7/16&quot; 900 mm Minimum depth 47 1/4&quot; 1200 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DAV</th>
<th>Steam connection valve</th>
<th>The steam connection valve to regulate the steam supply must be provided on site. The following valves can be ordered separately as electric steam valves or as pneumatic steam valves. Pneumatic steam valve (PND) Regulatable steam pressure</th>
<th>0 - 145 psi 0 - 1000 kPa</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Connection gauge 1/2&quot; Connection point and pneumatic valve controls must be provided on site.</td>
<td>0 - 1000 kPa</td>
</tr>
</tbody>
</table>

## Machine connections:

<table>
<thead>
<tr>
<th>EL</th>
<th>Electrical connection (convertible)</th>
<th>Standard voltage</th>
<th>Convertible to</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Frequency 3 AC 208V 60 Hz</td>
<td>Frequency 3 AC 220-240V 60 Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rated load 4438.8 BTU/h</td>
<td>Rated load 4439 BTU/h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fuse rating 3 x 10 A</td>
<td>Fuse rating 3 x 10 A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Connection cable, min. cross-section 4 x AWG 16</td>
<td>Connection cable, min. cross-section 4 x AWG 16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Connection cable to be ordered separately</td>
<td>Connection cable to be ordered separately</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.3 kW</td>
<td>1.3 kW</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 x 1.5 mm²</td>
<td>4 x 1.5 mm²</td>
</tr>
</tbody>
</table>

Electrical connection must comply with national regulations.

Connection using multi-pole wall socket in compliance with IEC/EN 60309 and IEC/EN 60947 is recommended in order to simplify electrical tests.

If machines are hard-wired, a multi-pole switch must be provided on site.

A wall socket or isolator must be accessible after installation.
| **PA** | **Equipotential bonding** | Connection with male thread  
Connection with washers and nut  
Accessories to be ordered separately  
If necessary, equipotential bonding with good galvanic contact must be provided in accordance with all appropriate national and local regulations. | 3/8" x 1 3/8"  
3/8"  
10 mm × 35 mm  
M 10 |
| **D** | **Steam connection** | Steam pressure  
Boiling point  
Steam supply capacity  
Connection thread (on site)  
Steam valve, steam filter and steam faucet must be provided on site.  
Supply lead Steam valve Length  
The supply lead for the electric steam valve is included.  
The steam valve should be installed close to the steam connection.  
Note installation instructions for steam-heated Miele tumble dryers. | 87 - 145 psi  
329 - 363 °F  
108 lbs/h  
½" internal thread  
19 11/16"  
500 mm  
600 - 1,000 kPa  
165 - 184 °C  
49 kg/h |
| **K** | **Condensate connection** | Connection thread (on site)  
Steam valve, steam filter and steam faucet must be provided on-site.  
Installation of the steam trap needs to allow complete drainage of the heater element during machine downtime.  
This means, no condensate is left in the heater element.  
Installation of an inverted bucket steam trap is recommended. | ½" internal thread |
| **AL** | **Vented** | Max. nominal air flow in vented mode  
Max. permissible pressure loss  
Connection on machine side (ext. diameter)  
Connection pipe provided on site (int. diameter)  
Max. temperature  
As relative humidity inside the vent ducting can be as high as 100%, suitable measures must be taken to prevent a backflow of condensate into the machine. | 26486 cfm  
0.04 psi  
5 29/32"  
5 29/32"  
176 °F  
750 m³/h  
300 Pa  
150 mm  
150 mm  
80 °C |
| **ZL** | **Air intake** | **Standard connection:** Air intake from installation site  
Unobstructed air intake into room recommended (corresponding to 3 times the vent cross-section of machine)  
A sufficient supply of fresh air should be ensured to replace the air extracted.  
**Alternative connection:** Ducted air intake (from outside building)  
Connector on machine (int. diameter)  
Connection pipe provided on site (ext. diameter)  
Lid removal exposes live components! For safety reasons, the pipe connected for central air intake should be at least 35 7/16" [900 mm] long and secured using two screws. | 82.31 in²  
531 cm²  
6 11/32"  
161 mm  
6 5/16"  
160 mm |
### Fittings (supplied)

**Without base:**
- 2 × clamps
- 2 × screws DIN 571 (Ø × length)
- 2 × rawl plugs (Ø × length)

Machine must be bolted to the floor!
Fixing materials for floor screed have to be provided on site.

**On concrete platform:**
- 2 × clamps
- 2 × screws DIN 571 (Ø × length)
- 2 × rawl plugs (Ø × length)

Machine must be bolted to the floor!
Fixing materials for floor screed have to be provided on site.

### Machine data

<table>
<thead>
<tr>
<th></th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>35 21/32”</td>
<td>45 27/32”</td>
<td>55 1/8”</td>
</tr>
<tr>
<td>Recommended rear wall gap (measured to front of machine)</td>
<td>35 7/16”</td>
<td>41 11/16”</td>
<td>63”</td>
</tr>
<tr>
<td>Min. wall gap (to rear edge of lid)</td>
<td>19 11/16”</td>
<td>2413 N</td>
<td>2508 BTU/h</td>
</tr>
<tr>
<td>Dynamic floor load, max.</td>
<td>476.2 lbs</td>
<td>216 kg</td>
<td>735 W</td>
</tr>
<tr>
<td>Average heat dissipation (depends on ambient room temperature and selected program)</td>
<td>72.8 dB (A)</td>
<td>60 dB (A)</td>
<td></td>
</tr>
</tbody>
</table>