

# Electric Installation Specifications Laundry Care System

To prevent accidents  
and appliance damage,  
read these instructions

**before**

installation or use.

All information subject to change without notice.

en - US

M.-Nr. 06 507 853



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**Installation, repair and maintenance work should only be performed by a trained Miele service technician. Work by unqualified persons could be dangerous and may void the warranty.**

**If there are any concerns during the installation process please contact:**

**Technical Service**

**1-800-991-9380**

**[techserv@mieleusa.com](mailto:techserv@mieleusa.com)**

# Installation Requirements/Items to consider prior to installation

## Warning!

This machine can only be transported with a fork-lift truck or pallet jack from the left or right side of unit while still on factory pallet.

When transporting the machine without a pallet, the following should be noted:

It is very likely that damage will be caused to the front and rear panels when the forks from a fork-lift truck or pallet jack are driven under the machine. Therefore these panels should be removed beforehand.

If the front and rear panels have been removed, do not subject the upper areas of the machine to excessive force, as the casing can be easily bent and damaged.

## Weight and Movement of Units:

- Both washers and dryers are bolted and shipped on pallets that are larger in width and depth than the machine. Measurements of doorways, passageways, hallways and stairwells must be taken prior to delivery.
- Floor protection should be considered.
- A rigging company may be required in order to get units into place.

## Delivery:

- Items will be shipped to dealer or installer's warehouse - Miele will not drop ship.
- If a lift gate is needed it must be specified at the time of order.
- Installer will need to arrange to have equipment shipped to site, lift gate and pallet jack will be needed.

## Once in place:

- **For all models except the PW 6065 and the unit must have 2 feet of distance from the back wall for access to the rear panels for future servicing.** \*Exception: Models PW6065 & PT7136, these models can be placed against the wall. A 2' clearance is not needed.
- If a 2' clearance is not possible the unit must be able to be moved out via a pallet jack for servicing. Therefore, there must be enough clearance in front of the machine to have a pallet jack move it in and out of place.
- Remove all 4 shipping struts except for models: PW 6065 only has 2 shipping struts.
- Make all water and drain connections
- All electrical connections should be made by a licensed electrician.
- Program cards must be downloaded if customer has purchased special program package.
- Contact your local Miele Territory Manager to arrange for user training after installation is complete.

## If using Automatic Detergent Dispensing Pumps:

- For best results use "Miele" recommended detergents to prevent oversudsing.
- All detergents must be at the customer's site prior to an appointment being made for Miele to install the pumps.
- Local service company should offer customer a service contract for pump maintenance.

# **Installation Requirements/Items to consider prior to installation**

## **Water Connection:**

- Both hot and cold water connections are recommended. If hot water is not available, the hot water hose can be connected to cold water. Use of cold water will extend the length of wash cycles. Verify water pressure (between 30-147psi).
- Hoses are supplied with the washer

## **Electrical Connection:**

- These machines will not run on single phase power. (Exception: PW6065)
- Washers and Dryers: Electrically heated machines require 3 phase (208/230V)\*. They come factory set at 230V\*. A conversion to 208V can be performed on location by a qualified technician.  
\* Exception: PW 6065 & PT 7136 are only available in 208V.
- Power cords are not supplied with the machines. They must be hard wired by a licensed electrician. Exception: A power cord is supplied with the PW 6065 and PT 7136. This power cord will need a suitable plug end installed, and cannot be hard wired.
- Proper connection is 3 live and 1 ground, (no neutral). Exception: PW 6065 singlephase

All connections are made at the terminal block at the rear of the machine.

\* Exception: PT 6065 & PT 7136 have a cord with pig tail.

## **Drain Connection:**

- Washers are compliant with ANSI/ASSE 1007. Washers require a 3" floor drain.\* If a 3" floor drain is not available then a Drain Box (available from Miele Professional) will suffice. Compliant discharge pump with non-return and gate valves in accordance with local plumbing codes (available at plumbing supply houses) must be provided. Please contact Miele Professional Service for details.  
\* Exception: PW 6065
- If more than one washer is connected to the drain system, verify that the system can handle the expected discharge. The maximum discharge rate is 25 gallons/minute per washer. If the drain cannot handle that, then a drain box should be used.
- The PW 6065 uses a drain pump that allows the unit to discharge up to 4 ft. in height and 12 ft. from the units location.
- Drain must be vented according to local plumbing requirements.

## **Washer Base:**

- Bases are required for the following models: PW 6101, PW 6131, PW 6201, and are included in the purchase price. The base is used to ensure a sufficient gradient to the floor drain, and for ease of use.
- Washers must be installed on a solid concrete floor to minimize vibration.

**IMPORTANT: Never remove the side housing panels!**

# Installation Check List

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## Recommended Installation Check off Sheet for Professional Washers and Dryers

### Washer and Dryer Delivery:

- Have all doorways, hallways and stairwells been measured to make sure the machine on the pallet will fit through?  Yes  No
- Will the machine be moved up or down stairs?  Yes  No
- Will the units be installed on a solid, level concrete floor?  Yes  No
- Are there any road or weight restrictions that would prohibit/restrict entry of a delivery truck directly to the premises?  Yes  No
- After placement will the units have 2' of distance from the back wall or will be moveable by a palet jack\* for access to the rear panels for future servicing? \*not required for PW 6065  Yes  No

### Washer and Dryer Electrical:

- Has a certified electrician inspected the site to verify a proper power source and required amperage and voltage?  Yes  No
- Does the site have 3 Phase?  Yes  No If not, will the customer have 3 phase installed?  Yes  No
- Will the customer use a phase converter?  Yes  No (It is recommended that each machine have its own phase convertor)
- The following models are not electrically approved (i.e.: UL/CSA or ETL verified): PW 6065, PT 7136, PW 6241
- If one of these models is being installed will a field electrical approval be needed?  Yes  No

### Washer Water & Drain Connection:

- Is the water pressure between 30-147 psi?  Yes  No If not, please specify pressure: \_\_\_\_\_
- Is a Hot water connection available?  Yes  No Are water connections within 5' of the washer?  Yes  No
- Floor drain  Yes  No Or wall drain?  Yes  No

If a floor drain will be used:

What size floor drain is available? \_\_\_\_\_

If a wall drain will be used:

How high is the drain above floor level? \_\_\_\_\_

What is the diameter? \_\_\_\_\_

How far away from the machine is the drain located? \_\_\_\_\_

Is the drain vented?  Yes  No

Is a drain box being installed?  Yes  No

Will there be more than one washer connected to the drain system?  Yes  No

If so, has the drain been accurately tested to support the expected discharge?  Yes  No

### Liquid Detergent System:

Is a liquid detergent pump being installed?  Yes  No

Will Miele recommended detergents be used?  Yes  No Have detergents been ordered?  Yes  No

### Dryer Venting:

Is the correct size vent connection available? (Please see installation manual for specifications)  Yes  No

### Misc.:

Dealer's Name: \_\_\_\_\_

Dealer's Sales Representative: \_\_\_\_\_ Phone number: \_\_\_\_\_

Installer's Name (please print): \_\_\_\_\_

Installer's Contact Person: \_\_\_\_\_ Phone number: \_\_\_\_\_

Installer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Customer's Name (please print): \_\_\_\_\_ Phone number: \_\_\_\_\_

Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Customers intended use of product:  Home  Horse Blankets  Business (please specify) \_\_\_\_\_

## Washers

Model Type	Laundry Capacity	Options						
		Innovation M	Profitronic	Electric heat (All)	Dispensing unit	Drain box	Stacking kit	Base
PW 6065	15 lbs		●	●			●	●
PW 6101	23 lbs	●		●	●	●		●
PW 6131	30 lbs	●		●	●	●		●
PW 6161	36 lbs	●		●	●	●		
PW 6201	45 lbs	●		●	●	●		●
PW 6241	54 lbs	●		●	●	●		

## Technical Data for Washers

Washers	PW 6065	PW 6101	PW 6131
Load Capacity - Laundry	15 lbs/6.5 kg	23 lbs/10 kg	30 lbs/13 kg
Heating Type	Electric	Electric	Electric
Machine Exterior - Front	Stainless Steel	Stainless Steel	Stainless Steel
Machine Exterior - Lid and Sides	Stainless Steel	Octoblue powder coat, galvanized	Octoblue powder coat, galvanized
Machine Dimensions	33.5" H	55.12" H incl. base	55.12" H incl. base
	23.5" W	31.65" W	31.65" W
	27.6" D	36.42" D	39.57" D
Drum Volume	17 gallons/ 59 liters	26.4 gallons/ 100 liters	34.3 gallons/ 130 liters
Drum Dimensions	18.9" Ø	23.2" Ø	23.2" Ø
	11.8" deep	14.4" deep	18.7" deep
Door Opening	11.8" Ø	14.6" Ø	14.6" Ø
Drum Type	Honeycomb™ Stainless Steel	Honeycomb™ Stainless Steel	Honeycomb™ Stainless Steel
Spin Speed	1400 RPM	1200 RPM	1100 RPM
G-Force	526	475	400
Control Type	Profitronic Plus	Profitronic M	Profitronic M
Net Weight	256.5 lbs/ 116.3 kg	714 lbs/ 324 kg	754 lbs/ 342 kg
Electrical Connection Standard	2 AC 208 V 60 Hz	3 AC 230 V 60 Hz	3 AC 230 V 60 Hz
Electrical Connection* Optional	n/a	208 V	208 V
Fuse Rating	2 x 20	3 x 25	3 x 50
Total Rated Load	4 kW	11 kW	17 kW
Required Water Flow Pressure	Min - 30 psi	Min - 30 psi	Min - 30 psi
	Max - 145 psi	Max - 145 psi	Max 145 psi
Maximum Floor Load	2022 N	3970 N	4304 N
Water Connection	3/4"	3/4"	3/4"
Cold Water Line	1	3	3
Warm Water Line	1	1	1
Drain Line	3/4" vented	3" vented	3" vented
Noise Level	Wash - 52 dB	Wash - 62.8 dB	Wash - 66.4 dB
	Spin - 71 dB	Spin - 79.9 dB	Spin - 80 dB

\* Some electrically heated units with a 230 V connection can be converted to 208 V.

## Technical Data for Washers

Washers	PW 6161	PW 6201	PW 6241
Load Capacity - Laundry	36 lbs/16 kg	45 lbs/20 kg	54 lbs/24 kg
Heating Type	Electric	Electric	Electric
Machine Exterior - Front	Stainless Steel	Stainless Steel	Stainless Steel
Machine Exterior - Lid and Sides	Octoblu powder coat, galvanized	Octoblu powder coat, galvanized	Octoblu powder coat, galvanized
Machine Dimensions	55.12" H	55.12" H incl. base	64.57" H
	36.38" W	36.38" W	42.8" W
	39.65" D	40.94" D	48.23" D
Drum Volume	42.2 gallon/ 160 liter	52.8 gallon/ 200 liter	63.4 gallon/ 240 liter
Drum Dimensions	26.7"Ø	26.7" Ø	31.5" Ø
	17.3" deep	21.7" deep	18.8" deep
Door Opening	14.6" Ø	14.6" Ø	16.9" Ø
Drum Type	Honeycomb™ Stainless Steel	Honeycomb™ Stainless Steel	Honeycomb™ Stainless Steel
Spin Speed	1150 RPM	1100 RPM	1100 RPM
G-Force	500	460	542
Control Type	Profitronic M	Profitronic M	Profitronic M
Net Weight	1001 lbs/ 454 kg	1091 lbs/ 495 kg	1411 lbs/ 640 kg
Electrical Connection Standard	3 AC 230 V 60 Hz	3 AC 230 V 60 Hz	3 AC 230 V 60 Hz
Electrical Connection* Optional	208 V	208 V	208 V
Fuse Rating	3 x 50	3 x 50	3 x 80
Total Rated Load	18 kW	19.3 kW	25 kW
Required Water Flow Pressure	Min - 30 psi	Min - 30 psi	Min - 30 psi
	Max - 145 psi	Max - 145 psi	Max - 145 psi
Maximum Floor Load	5469 N	6067 N	8471 N
Water Connection	3/4"	3/4"	1"
Cold Water Line	3	3	3
Warm Water Line	1	1	1
Drain Line	3" vented	3" vented	3" vented
Noise Level	Wash - 65.5 dB	Wash - 62.1 dB	Wash - 60.3 dB
	Spin - 87.4 dB	Spin - 82.6 dB	Spin - 82.2 dB

\* Some electrically heated units with a 230 V connection can be converted to 208 V.

## Dryers

Model Type	Laundry Capacity	Innovation M	Profitronic	Electric heat	Residual moisture control
PT 7136	15 lbs		●	●	●
PT 7251	22 lbs	●		●	●
PT 8337	30 lbs	●		●	●
PT 8407	36 lbs	●		●	●
PT 8507	45 lbs	●		●	●

### Dimensions:

- Since these machines are larger, the customer needs to make sure they will fit through door and passageways for delivery access.
- The dryers are shipped on a pallet that is larger in width and depth than the unit. Keep this in mind when measuring doorways and walkways.

### Electrical Connection:

#### **These machines will not run on single phase power.**

- **The unit must have 2 feet of distance from the back wall for access to the rear panels for future servicing.**
- If a 2' clearance is not possible the unit must be able to be moved out via a pallet jack for servicing. Therefore, there must be enough clearance in front of the machine to have a pallet jack move it in and out of place.
- Electrically heated machines require 3 AC (230V). A wiring conversion for 208V is also available. This conversion can be performed on location by a qualified technician.  
Exception: Model PT 7136 is only available in 208V.
- Proper connection is 3 live and 1 ground (no neutral).
- A power cord is supplied only with the PT 7136.
- The PT 7136 is convertible to single phase (2AC 208V 60 Hz 30 A). For more information contact Miele Technical Service.
- All connections are made at the terminal block at the rear of the machine.  
The terminal block is inside the machine.

### Vent Connection:

- See, "Calculation of air outlet, air inlet and ventilation cross sections".
- Dryer vents must adhere to machine specifications.

### Check phasing:

- Dryer exhaust has outward air flow.
- The dryer door will be more difficult to open when the unit is in operation. Once the cycle starts a vacuum will occur, creating suction to the door of the dryer.

# Calculation of air outlet, air inlet and ventilation cross sections

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## Calculating the total pipe length and diameter of the air outlet pipe, and air inlet pipe where applicable.

The length of pipe required as well as the number and shape of the bends are always determined by the structural features of the building.

- The pipe should be as short as possible with as few bends as possible. Too many bends will impair the efficiency of the ventilation.
- It is also necessary to decide whether the air outlet pipe should be made of flexible pipe or of metal with round or square cross sections.
- If the dryer is connected to a central air intake system, that pipe length must also be added into the total. The maximum length of the air intake pipe must not exceed fifty percent of the total effective length.
- The venting system for exhaust air should be made of approved non-flammable materials only.

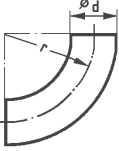
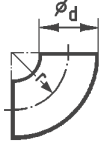
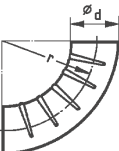
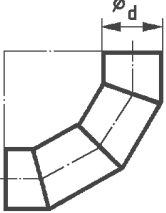
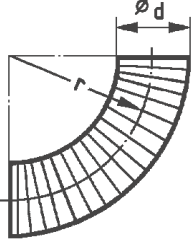
### Note:

With upward sloping air venting pipes a condensate drain must be installed at the lowest point. The condensate should be collected in a suitable container or if possible drained away through a suitable drain.

Where more than one machine is (as an exception) ducted into a common flue, it is essential that each machine have a non-return flap.

# Calculation of air outlet, air inlet and ventilation cross sections

**Table 1**  
**Substitute pipe lengths (inches)**

Shape of bend	Substituted pipe length (inches)
	PT 7136 PT 7251 PT 8337 PT 8407 PT 8507
 <p>90° Round bend <math>r = 2 d</math></p> <p>45° Round bend <math>r = 2 d</math></p>	<p>43 <sup>5</sup>/<sub>16</sub> "</p> <p>27 <sup>9</sup>/<sub>16</sub> "</p>
 <p>90° Round bend <math>r = d</math></p> <p>45° Round bend <math>r = d</math></p>	<p>74 <sup>13</sup>/<sub>16</sub> "</p> <p>43 <sup>5</sup>/<sub>16</sub> "</p>
 <p>90° Concertina bend <math>r = 2 d</math></p> <p>45° Concertina bend <math>r = 2 d</math></p>	<p>126"</p> <p>78 <sup>3</sup>/<sub>4</sub> "</p>
 <p>90° Segmented bend (3 welded seams) <math>r = 2 d</math></p> <p>45° Segmented bend (3 welded seams) <math>r = 2 d</math></p>	<p>47 <sup>1</sup>/<sub>4</sub> "</p>
 <p>90° Westerflex pipe bend <math>r = d</math> <math>r = 2 d</math> <math>r = 4 d</math></p> <p>45° Westerflex pipe bend <math>r = d</math> <math>r = 2 d</math> <math>r = 4 d</math></p>	<p>47"</p> <p>35 <sup>7</sup>/<sub>16</sub> "</p> <p>39 <sup>3</sup>/<sub>8</sub> "</p> <p>31"</p>

# Calculation of air outlet, air inlet and ventilation cross sections

**Table 2**





**Internal pipe diameter/internal length of side (square section) in relation to effective pipe lengths**

Internal pipe diameter or internal length of flexible and metal pipes (in)	Maximum permissible effective pipe length
	PT 7136 PT 8337 PT 8407 PT 8507
2 <sup>3</sup> / <sub>4</sub> "	
3 <sup>1</sup> / <sub>8</sub> "	
3 <sup>9</sup> / <sub>16</sub> "	
4	-
4 <sup>5</sup> / <sub>16</sub> "	
4 <sup>3</sup> / <sub>4</sub> "	
5 <sup>1</sup> / <sub>8</sub> "	
5 <sup>1</sup> / <sub>2</sub> "	
6"	55' 7"
7 <sup>1</sup> / <sub>16</sub> "	127' 9"
7 <sup>7</sup> / <sub>8</sub> "	213' 2"
8 <sup>11</sup> / <sub>16</sub> "	

# Calculation of air outlet, air inlet and ventilation cross sections

**Table 3**

Room ventilation inlet aperture in relation to the cross section of the air outlet pipe when drawing air in from the room where the appliance is installed.

Air outlet pipe			Ventilation aperture (minimum dimension)		
 (in)	 (in)	A (sq in)	A (sq in)	 (in)	 (in)
2		6	18	4 <sup>13</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>
	2	7 <sup>9</sup> / <sub>16</sub>	22 <sup>13</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>8</sub>	4 <sup>13</sup> / <sub>16</sub>
3 <sup>1</sup> / <sub>8</sub>		7 <sup>3</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	4 <sup>13</sup> / <sub>16</sub>
	3 <sup>1</sup> / <sub>8</sub>	10	29 <sup>3</sup> / <sub>4</sub>	6 <sup>13</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>
3 <sup>9</sup> / <sub>16</sub>		10	29 <sup>3</sup> / <sub>4</sub>	6 <sup>13</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>
	3 <sup>9</sup> / <sub>16</sub>	12 <sup>9</sup> / <sub>16</sub>	37 <sup>11</sup> / <sub>16</sub>	6 <sup>15</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>8</sub>
4		12 <sup>7</sup> / <sub>16</sub>	36 <sup>3</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>16</sub>
	4	15 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>
4 <sup>5</sup> / <sub>16</sub>		14 <sup>3</sup> / <sub>4</sub>	40	7 <sup>1</sup> / <sub>2</sub>	6 <sup>5</sup> / <sub>8</sub>
	4 <sup>5</sup> / <sub>16</sub>	18 <sup>3</sup> / <sub>4</sub>	56 <sup>1</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>
4		17 <sup>1</sup> / <sub>2</sub>	52 <sup>9</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>
	4	22 <sup>5</sup> / <sub>16</sub>	67	9 <sup>1</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>16</sub>
5 <sup>1</sup> / <sub>8</sub>		20 <sup>5</sup> / <sub>8</sub>	61 <sup>7</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>
	5 <sup>1</sup> / <sub>8</sub>	26 <sup>3</sup> / <sub>16</sub>	78 <sup>9</sup> / <sub>16</sub>	10	8 <sup>7</sup> / <sub>8</sub>
5		23 <sup>7</sup> / <sub>8</sub>	71 <sup>5</sup> / <sub>8</sub>	9 <sup>9</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>16</sub>
	5	30 <sup>3</sup> / <sub>8</sub>	91 <sup>1</sup> / <sub>8</sub>	10 <sup>13</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>
6		27 <sup>7</sup> / <sub>16</sub>	83 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>16</sub>
	6	34 <sup>7</sup> / <sub>8</sub>	104 <sup>5</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>
7 <sup>1</sup> / <sub>16</sub>		39 <sup>3</sup> / <sub>8</sub>	118 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	11
	7 <sup>1</sup> / <sub>16</sub>	50 <sup>1</sup> / <sub>4</sub>	145 <sup>13</sup> / <sub>16</sub>	14	12 <sup>3</sup> / <sub>8</sub>
7 <sup>7</sup> / <sub>8</sub>		48 <sup>11</sup> / <sub>16</sub>	146	13 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>16</sub>
	7 <sup>7</sup> / <sub>8</sub>	62	186	15 <sup>9</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>4</sub>
8 <sup>11</sup> / <sub>16</sub>		58 <sup>7</sup> / <sub>8</sub>	176 <sup>11</sup> / <sub>16</sub>	15	14 <sup>13</sup> / <sub>16</sub>
	8 <sup>11</sup> / <sub>16</sub>	75	225 <sup>1</sup> / <sub>16</sub>	16 <sup>15</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>
9 <sup>13</sup> / <sub>16</sub>		76 <sup>1</sup> / <sub>8</sub>	228 <sup>5</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>16</sub>
	9 <sup>13</sup> / <sub>16</sub>	96 <sup>7</sup> / <sub>8</sub>	290 <sup>5</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>8</sub>
11 <sup>13</sup> / <sub>16</sub>		109 <sup>9</sup> / <sub>16</sub>	328 <sup>1</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>8</sub>
	11 <sup>13</sup> / <sub>16</sub>	139 <sup>1</sup> / <sub>2</sub>	418 <sup>1</sup> / <sub>2</sub>	23 <sup>1</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>2</sub>

If the dryer is connected to a piped central air intake, then additional ventilation openings in the room are not usually required.

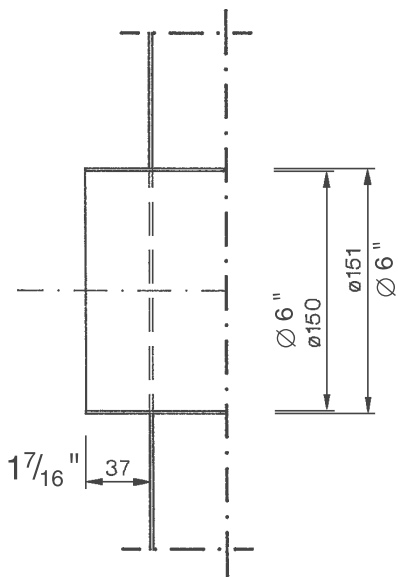
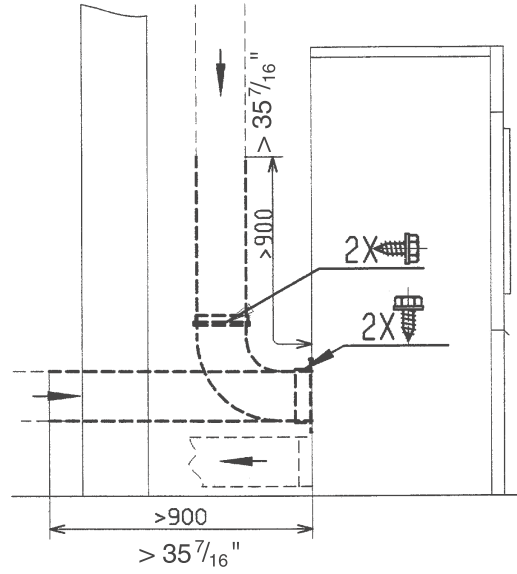
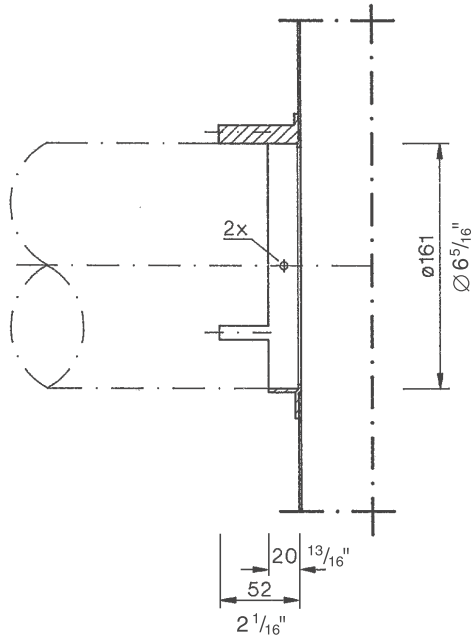
# Connection of air intake and venting systems

## Connection to a central air intake

⚠ When the protective cap is removed, live components may be electrically exposed.

To maintain safety, a plastic or metal pipe must be fitted to the fresh air intake for a minimum length of  $35 \frac{7}{16}$ ". Each connection point must be secured with 2 screws. The air intake pipe must not protrude into the machine.

## Connection for venting exhaust air



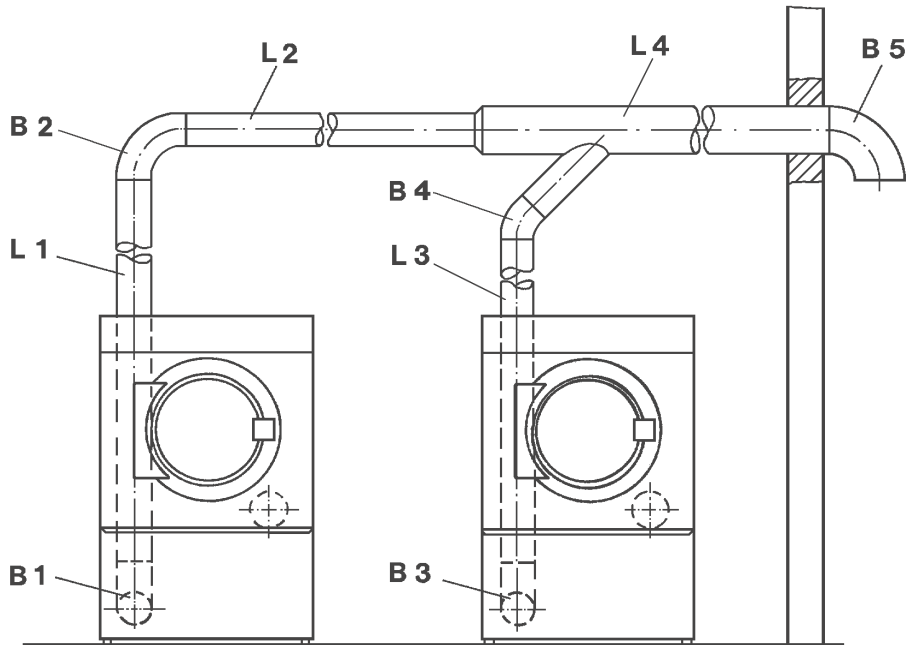


# Connection of air intake and venting systems

## Example 2

Calculation of a joint ventilation system (exception) in metal for Dryers T 8407 and T 8507

L1 to L4 each	6' 6 <sup>3</sup> / <sub>4</sub> " Metal piping
B1 to B3 each	90° Concertina bend (r = 2d)
B4	45° Round bend (r = 2d)
B5	90° Round bend (r = d)



### 1. Effective length of piping T 6351

Metal pipe	L1 = 6' 6 <sup>3</sup> / <sub>4</sub> "	
Metal pipe	L2 = 6' 6 <sup>3</sup> / <sub>4</sub> "	
Metal pipe	L4 = 6' 6 <sup>3</sup> / <sub>4</sub> "	
90° concertina bend	B1 = 7' 10 <sup>1</sup> / <sub>2</sub> " *	* Extra pipe length according to <b>Table 1</b>
90° concertina bend	B2 = 7' 10 <sup>1</sup> / <sub>2</sub> " *	
90° round bend (r = d)	B5 = 10' 2 <sup>1</sup> / <sub>16</sub> " *	

**Total effective pipe length = 45' 7<sup>1</sup>/<sub>4</sub>"**

### 2. Pipe diameter in relation to effective pipe length

Total pipe length = 45' 7<sup>1</sup>/<sub>4</sub>" (T 6251)  
 Maximum permissible effective pipe length 77' 1<sup>9</sup>/<sub>16</sub>".  
 The internal pipe diameter is 6" (Table 2).

## Technical data for Dryers

Dryers	PT 7136	PT 7251	T 8337
Load Capacity - Laundry	15 lbs/6.5 kg	23 lbs/10 kg	30 lbs/13 kg
Heating Type	Electric	Electric	Electric
Machine Exterior - Front	Stainless Steel	Stainless Steel	Stainless Steel
Machine Exterior - Lid and sides	Stainless Steel	Octoblu powder coat, galvanized	Octoblu powder coat, galvanized
Machine Dimensions	33.5" H	55.12" H	55.12" H
	23.5" W	35.67" W	35.67" W
	27.6" D	32.91" D	40.12" D
Drum Volume	34 gallons/ 130 liters	66 gallons/ 250 liters	85.9 gallons/ 325 liters
Drum Dimensions	22" Ø	33.5" Ø	33.5" Ø
	22" deep	17.6" deep	22.9" deep
Drum Type	Honeycomb™ Stainless Steel	Honeycomb™ Stainless Steel	Honeycomb™ Stainless Steel
Control Type	Profitronic Plus	Profitronic M	Profitronic M
Net Weight	130 lbs/ 58 kg	346 lbs/ 157 kg	364 lbs/ 165 kg
Electrical Connection - Standard	3 AC 208 V 60 Hz	3 AC 230 V 60 Hz	3 AC 230 V 60 Hz
Electrical Connection* - Optional	208 V 60Hz 2 x 30	3 AC 208 V	3 AC 208 V
Fuse rating	3 x 30	3 x 50	3 x 50
Total Rated Load	6.4 kW	14.3 kW	18.8 kW
Vent diameter	4"	6"	6"
Evaporation Rate	3.4 fl oz/minute	7.5 fl oz/ minute	10 fl oz/minute

\* Some electrically heated units with a 230 V connection can be converted to 208 V.

## Technical data for Dryers

Dryers	T 8407	T 8507
Load Capacity - Laundry	36 lbs/16 kg	55 lbs/25 kg
Heating Type	Electric	Electric
Machine Exterior - Front	Stainless Steel	Stainless Steel
Machine Exterior - Lid and sides	Octoblu powder coat, galvanized	Octoblu powder coat, galvanized
Machine Dimensions	55.12" H	64.57" H
	35.67" W	47.48" W
	45.2" D	39.49" D
Drum Volume	106 gallon/ 400 liter	132 gallon/ 500 liter
Drum Dimensions	33.5" Ø	43.3" Ø
	28" deep	20.8" deep
Drum Type	Honeycomb™ Stainless Steel	Honeycomb™ Stainless Steel
Control Type	Profitronic M	Profitronic M
Net Weight	421 lbs/ 191 kg	525 lbs/ 238 kg
Electrical Connection - Standard	3 AC 230 V 60 Hz	3 AC 230 V 60 Hz
Electrical Connection* - Optional	3 AC 208 V	3 AC 208 V
Fuse rating	3 x 65	3 x 80
Total rated load	23.8 kW	28.3 kW
Vent diameter	6"	6"
Evaporation Rate	12 fl oz/minute	15 fl oz/minute

\* Electrically heated units with a 230 V connection can be converted to 208 V.







**Please have the model and serial number  
of your appliance available before  
contacting Technical Service.**

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