

Technical Data: PT series

General

The dishwashers of the PT Series are available in 3 sizes (-M, -L, -XL; see dimensions). Every dishwasher in every size can be programmed with special settings.

The settings determine the type of the dishwasher:

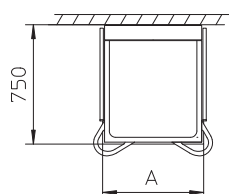
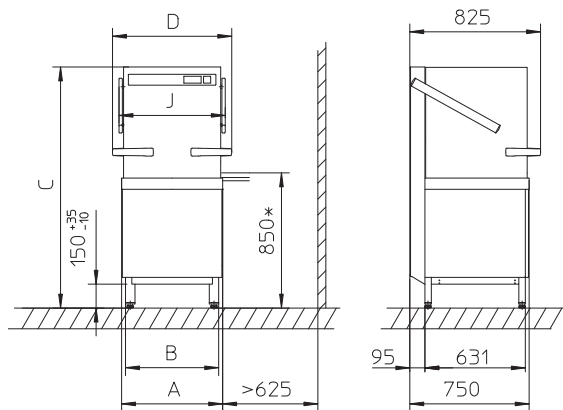
- dishwasher (with effect version)
- bistro dishwasher
- glasswasher (with the Cool and effect versions)
- cutlery washer

Optionally, each dishwasher is available with an exhaust air heat exchanger (EnergyPlus model). The size M and L dishwashers are also available with an optional heat pump (ClimatePlus model).

| | | | PT-M | PT-L | PT-XL |
|----------------|---------------------------|------|--------------|------------------------|------------------------|
| Rack dimension | | [mm] | 500 x 500 | 500 x 500 500 x 600 | 500 x 500 500 x 600 |
| Weight | Standard (net / gross) | [kg] | 134 / 159 | 137 / 165 | 140 / 171 |
| | EnergyPlus (net / gross) | [kg] | 157 / 185 | 165 / 196 | 173 / 207 |
| | ClimatePlus (net / gross) | [kg] | 214 / 256 | 218 / 263 | — |
| Package | Standard (W x D x H) | [mm] | 770x880x1640 | 860x880x1640 | 860x880x1760 |
| | Energy Module (W x D x H) | [mm] | 743x743x250 | 743x743x250 | 743x743x250 |
| | ClimatePlus (W x D x H) | [mm] | 1200x800x900 | 1200x800x900 | — |

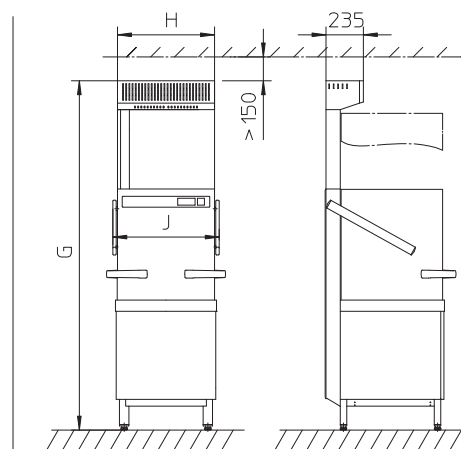
Dimensions

Without EnergyPlus

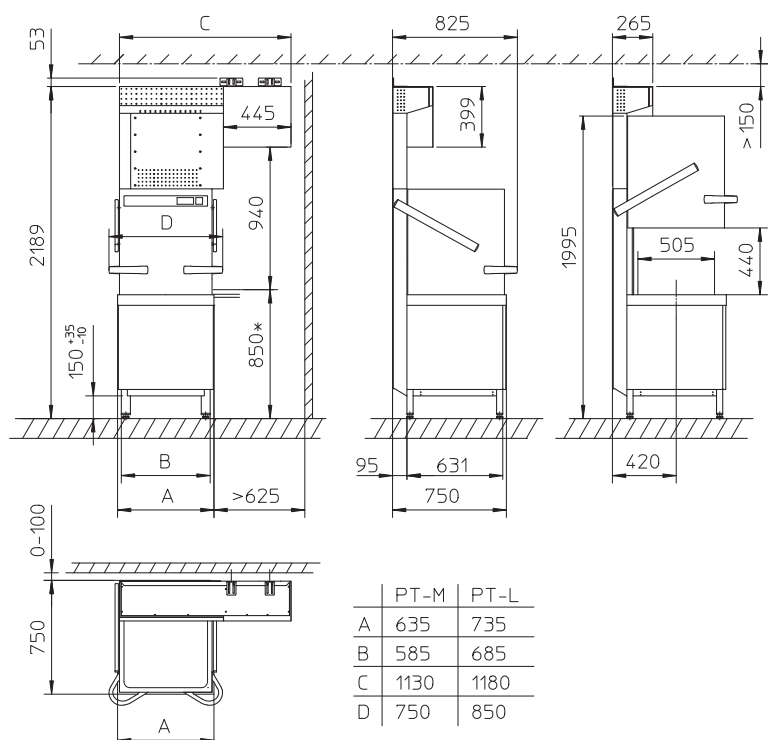


| | PT-M | PT-L | PT-XL |
|---|------|------|-------|
| A | 635 | 735 | 735 |
| B | 585 | 685 | 685 |
| C | 1515 | 1515 | 1635 |
| D | 750 | 850 | 850 |
| E | 1995 | 1995 | 2235 |
| F | 440 | 440 | 560 |
| G | 2195 | 2195 | 2435 |
| H | 610 | 710 | 710 |
| J | 668 | 768 | 768 |

With EnergyPlus



*) Standard working height is 850 mm which can be optionally increased to 900 mm. The vertical dimensions are increased by 50 mm by this.

PT-M / PT-L with ClimatePlus heat pump

General data

| | | |
|--|--|---|
| Number of programmes | up to 3 (+ special programme) | |
| Tank capacity | 35 l | |
| Tank heating ¹ | 2.5 kW (2 x 2.5 kW for machines with "Cool" version) | |
| Circulating pump | Volume circulated | PT-M: 250 - 300 l/min (depending on the selected programme) PT-L, PT-XL: 280 - 370 l/min (depending on the selected programme) |
| | Connection value (P1) | 1.0 kW (PT-M); 1.5 kW (PT-L, PT-XL) |
| Noise emission according to DIN EN ISO | max. 62 dB(A) | |
| Splash guard | IP X5 | |
| Water connection | G 3/4" | |
| Waste water connection | 18.5 / 22.2 / 39.7 mm (staged connection) | |
| Minimum flow pressure | 100 kPa (1.0 bar) 150 kPa; (1.5 bar) for the EnergyPlus and ClimatePlus machine models | |
| Maximum inlet pressure | 600 kPa (6.0 bar) | |
| Rate of flow | at least. 4 l/min | |
| Water inlet temperature | max. 60°C max. 20 °C for Cool, EnergyPlus and ClimatePlus machine models max. 50 °C for "effect" version glass washers | |

¹ Does not apply to ClimatePlus machine models

Values depend on the software setting

Dishwashers

| | | Standard EnergyPlus ClimatePlus | Cool | effect | HighTemp |
|---|------------|---------------------------------------|------|--------------------|--------------|
| Theor. performance ¹ P1 / P2 / P3 | [racks/h] | 44 / 32 / 22 | - | 20 / 20 / 20 | 25 / 20 / 15 |
| Short programme | [racks/h] | 72 | - | 36 | - |
| Rinse water consumption ² (driven rinse system) | [l / rack] | 2.4 (2.0) | - | 2.4 (2.0) | 3.8 (3.8) |
| Tank temperature | [°C] | 62 | - | 55 | 66 |
| Rinse temperature | [°C] | 85 | - | 60 / ^{*3} | 85 |

Glasswashers

| | | Standard EnergyPlus ClimatePlus | Cool | effect | HighTemp |
|---|------------|---------------------------------------|-------------------------------|--------------------|----------|
| Theor. performance ¹ P1 / P2 / P3 | [racks/h] | 22 / 32 / 48 | 22 / 32 / 48 | 20 / 20 / 20 | - |
| Short programme | [racks/h] | 77 | 77 | 36 | - |
| Rinse water consumption ² (driven rinse system) | [l / rack] | 2.4 (2.0) | 4.0 (3.4) | 2.4 (2.0) | - |
| Tank temperature | [°C] | 62 | - | 45 | - |
| Rinse temperature | [°C] | 65 | ^{*4} / ^{*5} | 50 / ^{*5} | - |

Bistro dishwashers

| | | Standard EnergyPlus ClimatePlus | Cool | effect | HighTemp |
|---|------------|---------------------------------------|------|--------|----------|
| Theor. performance ¹ P1 / P2 / P3 | [racks/h] | 40 / 32 / 28 | - | - | - |
| Short programme | [racks/h] | 72 | - | - | - |
| Rinse water consumption ² (driven rinse system) | [l / rack] | 2.4 (2.0) | - | - | - |
| Tank temperature | [°C] | 62 | - | - | - |
| Rinse temperature | [°C] | 85 | - | - | - |

Cutlery washers

| | | Standard EnergyPlus | Cool | effect | HighTemp |
|---|------------|------------------------|------|--------|----------|
| Theor. performance ¹ P1 / P2 / P3 | [racks/h] | 11 | - | - | - |
| Short programme | [racks/h] | 21 | - | - | - |
| Rinse water consumption ² (driven rinse system) | [l / rack] | 3.4 (3.0) | - | - | - |
| Tank temperature | [°C] | 69 | - | - | - |
| Rinse temperature | [°C] | 86 | - | - | - |

¹ Depending on local conditions (water inlet temperature / electrical connection), the values stated here can be reduced.

² In ideal conditions. Fine-tuning is done during commissioning

³ Switchable from 85 °C

⁴ Depending on inlet temperature

⁵ Switchable from 65 °C

Electrical data
Standard and EnergyPlus models

| Voltage | Fuse protection | Total connected load with 6.4 kW boiler heating element | | Total connected load with 10.8 kW boiler heating element |
|--------------------------|-----------------|---|-----------|--|
| 380 V / 3N~ / 50 - 60 Hz | 16 A | 7.1 kW | | 8.3 kW |
| 400 V / 3N~ / 50 - 60 Hz | 16 A | 7.9 kW | 8.1 kW * | 9.1 kW |
| | 25 A | 10.2 kW | | 13.2 kW |
| | 32 A | --- | 11.5 kW * | 14.7 kW |
| 415 V / 3N~ / 50 - 60 Hz | 15 A | 6.9 kW | | 9.5 kW |
| | 16 A / 20 A | 8.4 kW | 8.6 kW * | 9.7 kW |
| | 25 A | 10.9 kW | | 14.2 kW |
| | 32 A | --- | 12.4 kW * | 15.7 kW |
| 200 V / 3N~ / 50 - 60 Hz | 25 A | 6.6 kW | | 7.1 kW |
| | 32 A | 8.0 kW | | 8.1 kW |
| 230 V / 3N~ / 50 - 60 Hz | 25 A | 7.8 kW | | --- |
| | 32 A | 10.1 kW | | --- |
| | 50 A | --- | | 14.5 kW |
| 230 V / 1N~ / 50 - 60 Hz | 32 A | 6.9 kW | | --- |
| 240 V / 1N~ / 50 - 60 Hz | 25 A | 5.1 kW | | --- |
| | 32 A | 6.8 kW | | --- |
| | 40 A | 8.4 kW | | --- |
| | 50 A | 10.9 kW | | --- |

*) PT-x Cool

With ClimatePlus heat pump (PT-M and PT-L only)

| Voltage | Fuse protection | Total connected load with 6.4 kW boiler heating element |
|---------------------|-----------------|---|
| 380 V / 3N~ / 50 Hz | 16 A | 7.1 kW |
| 400 V / 3N~ / 50 Hz | 16 A | 7.9 kW |
| | 25 A / 32 A | 10.2 kW |
| 415 V / 3N~ / 50 Hz | 15 A | 6.9 kW |
| | 16 A / 20 A | 8.4 kW |
| | 25 A | 10.9 kW |
| 230 V / 3~ / 50 Hz | 25 A | 7.8 kW |
| | 32 A | 10.1 kW |