

SHZ 50 LCD

WALL MOUNTED CYLINDER

PRODUCT-NO.: 231252

Save on consumption, not on comfort

The assurance that you won't consume more energy than necessary is a given with this wall mounted cylinder. We have equipped it with three different ECO functions. Simply make your choice and enjoy hot water that perfectly meets your family's needs.



Learns from your usage pattern

ECO DYNAMIC learning mode is especially practical – it automatically optimises the energy saving options. It all depends on how much hot water you use and how often. This electronically controlled appliance achieves very high efficiency and lets you truly relax and enjoy warm water at exactly the right temperature.



SHZ 30 LCD

Product-No.: 231251



SHZ 80 LCD

Product-No.: 231253



SHZ 100 LCD

Product-No.: 231254



SHZ 120 LCD

Product-No.: 231255



SHZ 150 LCD

Product-No.: 231256

The main features

Electronically controlled wall mounted cylinder

Variable and accurate temperature settings in the range of 20-85 °C

Power saving mode due to three automatic ECO functions

Cost savings possible if cheaper off-peak tariffs are used

Special enamel coating for a long service life

Highest level of corrosion protection in the cylinder thanks to maintenance-free impressed current anode

Rapid heat-up button for demand-dependent heating



| Type | SHZ 30 LCD | SHZ 50 LCD | SHZ 80 LCD |
|----------|------------|------------|------------|
| Part no. | 231251 | 231252 | 231253 |

Technical data

| | | | |
|--|------------------------|------------------------|------------------------|
| Connected load ~ 230 V | 1-4 kW | 1-4 kW | 1-4 kW |
| Connected load ~ 400 V | 1-6 kW | 1-6 kW | 1-6 kW |
| Power supply | 1/N/PE, 2/N/PE, 3/N/PE | 1/N/PE, 2/N/PE, 3/N/PE | 1/N/PE, 2/N/PE, 3/N/PE |
| Rated voltage | 230/400 V | 230/400 V | 230/400 V |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Load profile | S | M | M |
| Energy efficiency class | A | B | B |
| Standby energy consumption/24 h at 65 °C | 0.46 kWh | 0.54 kWh | 0.67 kWh |
| Nominal capacity | 30 l | 50 l | 80 l |
| Mixed water amount at 40 °C | 74 l | 121 l | 197 l |
| Temperature setting range | 20-85 °C | 20-85 °C | 20-85 °C |
| Max. flow rate | 18 l/min | 18 l/min | 18 l/min |
| Colour | white | white | white |
| IP rating | IP25 | IP25 | IP25 |
| Height | 770 mm | 740 mm | 1050 mm |
| Width | 410 mm | 510 mm | 510 mm |
| Depth | 420 mm | 510 mm | 510 mm |
| Weight | 22.90 kg | 27.60 kg | 37.80 kg |



| Type | SHZ 100 LCD | SHZ 120 LCD | SHZ 150 LCD |
|----------|-------------|-------------|-------------|
| Part no. | 231254 | 231255 | 231256 |

Technical data

| | | | |
|--|------------------------|------------------------|------------------------|
| Connected load ~ 230 V | 1-4 kW | 1-4 kW | 1-4 kW |
| Connected load ~ 400 V | 1-6 kW | 1-6 kW | 1-6 kW |
| Power supply | 1/N/PE, 2/N/PE, 3/N/PE | 1/N/PE, 2/N/PE, 3/N/PE | 1/N/PE, 2/N/PE, 3/N/PE |
| Rated voltage | 230/400 V | 230/400 V | 230/400 V |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Load profile | L | XL | XL |
| Energy efficiency class | C | C | C |
| Standby energy consumption/24 h at 65 °C | 0.86 kWh | 0.99 kWh | 1.16 kWh |
| Nominal capacity | 100 l | 120 l | 150 l |
| Mixed water amount at 40 °C | 220 l | 291 l | 355 l |
| Temperature setting range | 20-85 °C | 20-85 °C | 20-85 °C |
| Max. flow rate | 18 l/min | 18 l/min | 18 l/min |
| Colour | white | white | white |
| IP rating | IP25 | IP25 | IP25 |
| Height | 1050 mm | 1210 mm | 1445 mm |
| Width | 510 mm | 510 mm | 510 mm |
| Depth | 510 mm | 510 mm | 510 mm |
| Weight | 39.50 kg | 42.40 kg | 52.00 kg |

Contact information

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **info@stiebel-eltron.com**

Installation information

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.