



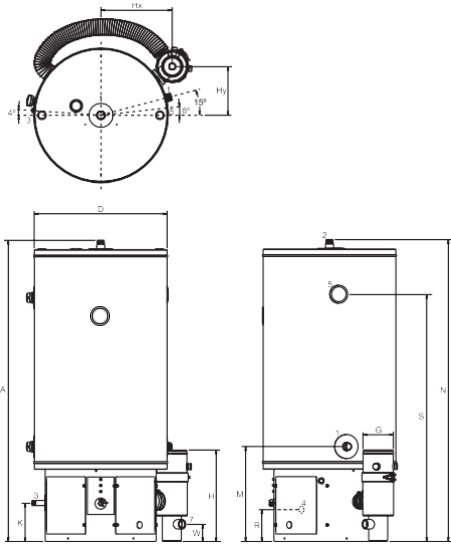
SXP



Commercial condensing high efficiency range

The SXP range direct-fired gas water heaters provide a new level of economy and efficiency in hot water production. All models are fully condensing and incorporate a burner modulation giving up to 97% thermal efficiency and are designed to operate as a room sealed system in both vented and unvented commercial / industrial applications. With vertical or horizontal concentric or parallel flue kits of up to 100 meter in length, the range is particularly useful where extensive conventional flues are either not possible or practical.

- Fully room-sealed condensing high-efficiency water heater (95% gross)
- Stainless steel tank
- No anodes simplify maintenance
- Well below the maximum NOx emission in accordance with the ErP regulations (September 2018)
- Quiet operation: specially designed blower and burner
- Plug-and-Play technology; connect air inlet, exhaust outlet, water, electricity, and gas, set the temperature and the system functions properly
- Easy to install because of the relatively low weight of the appliance (70/82 kg)
- Suitable for natural gas or propane
- Very suitable for agricultural applications
- Maximum temperature setting of 85°C



| TECHNICAL DETAILS | | | |
|--|-----------------------|--|--------------|
| Model | | SXP 34-130 | SXP 50-155 |
| Storage capacity | ltr | 129 | 189 |
| Heat input (u.v.)* | kW | 37.8 | 50.0 |
| Heat output | kW | 36.0 | 47.7 |
| Gas consumption** | m ³ /h | 3.6 | 4.8 |
| Recovery time, ΔT = 44 °C | min. | 11 | 12 |
| Draw off capacity 1st hour, ΔT = 28 °C | ltr | 1300 | 1800 |
| Draw off capacity 1st hour, ΔT = 44 °C | ltr | 790 | 1200 |
| Draw off capacity 1st hour, ΔT = 50 °C | ltr | 680 | 970 |
| Draw off capacity continu, ΔT = 28 °C | ltr/h | 1200 | 1500 |
| Draw off capacity continu, ΔT = 44 °C | ltr/h | 710 | 940 |
| Draw off capacity continu, ΔT = 50 °C | ltr/h | 620 | 830 |
| Inlet pressure | mbar | 20.0 | 20.0 |
| Maximum working pressure | kPa(bar) | 800(8) | |
| Weight empty | kg | 70 | 82 |
| Power consumption | Watts | 200 | 300 |
| Electric supplies | | 230 V - 15% + 10% VAC / 50 Hz +/- 1 Hz | |
| DIMENSIONS & CONNECTIONS | | | |
| A | | 1270 | 1655 |
| D | | 560 | 560 |
| G | | 80 / 125 | 80 / 125 |
| H | | 385 | 385 |
| Hx | | 300 | 300 |
| Hy | | 205 | 205 |
| K | | 160 | 160 |
| M | | 400 | 400 |
| N | | 1270 | 1655 |
| R | | 155 | 155 |
| S | | 1040 | 1395 |
| 1 | Cold water inlet | 1 - 11.5 NPT | 1 - 11.5 NPT |
| 2 | Hot water outlet | 1 - 11.5 NPT | 1 - 11.5 NPT |
| 3 | Gas control | ½ - 14 NPT | ¾ - 14 NPT |
| 4 | Drain valve | ¾ - 14 NPT | ¾ - 14 NPT |
| 5 | T&P valve | 1 - 11.5 NPT | 1 - 11.5 NPT |
| 6 | Condensation drainage | Rp1 | Rp1 |
| ENERGY LABELING (ERP) | | | |
| Load Profil | | XXL | XXL |
| Energy labeling | | A | A |
| Efficiency | % | 88 | 87 |

Dimensions in mm.

* Gas data based on natural gas G20, data based on gross value

** Gas consumption at 15 °C and 1013.25 mbar