

120L SHW Extraction System

Product Spec



Extraction Vessel

- **Volume:** 2x60 L vessel holds up to 54 lb dry material
- **Pressure:** Maximum operating pressure 12 bar
- **Temperature:** max 180C (356F)
- **Materials:** 304 stainless steel
- **Vessel:** the interior is polished to food-grade level
- **Closures:** ASME flange
- **Sealing:** Flanges with PTFE flat seals
- **Temperature measurement:** Pt100 sensors
- **Safety:** spring-loaded safety relief valve
- **Raw material feed:** side loading
- **Residue removal:** flange closure, manual

Water Heater

- **Orientation:** Horizontal
- **Volume:** 60 Liters (16 gallons)
- **Pressure:** Maximum operating pressure 16 bar
- **Temperature:** max 180C (356F)
- **Materials:** 304 stainless steel
- **Safety:** spring-loaded safety relief valve

Gas Vessels

- **Volume:** 3x25 L
- **Pressure:** Maximum operating pressure 12 bar
- **Materials:** all 304 stainless steel
- **Safety:** spring-loaded safety relief valve
- **Flow path:** gravitational

Heat Exchanger

- **Construction:** heat exchanger unit
- **Material:** 304 Stainless Steel
- **Heating:** Heat Exchange

Gas Vessels

- **Voltage:** 380 V
- **Power:** 40 kW
- **Plug:** 4-way 50A



Skid Physical Dimensions

- **Height:** 1,550 mm
- **Length:** 1,420 mm
- **Depth:** 880 mm
- **Total weight:** app. 1,200 kg
- **Floor mounting area:** min. 10 m2
- **Ceiling height:** 2.5 m

Control System

- **Functions:** Fully Automatic Programmable PLC, touch screen interface with first-level functionality, and user-programmable pressure, temperature, and time.
- **Safety:** pressure transducers monitor system pressure and shut down the system to prevent accidental over-pressurization.

For pricing, demo, or more information, contact us at:

Email: info@comerg.com

Tel: 602-992-0744

Web: www.comerg.com