

EcoChyll X5 Hi-Speed Evaporator - 50L

Specifications:

Equipment

- Dimensions (approx.) – 50" L x 20" W x 72" H
- Mobility – All components on locking wheels

Electrical

- Total power usage – 5.1kW
- Heating mantle – 15 amp, 230V single phase line, 3.5kW
- X5 EcoChyll – 15 amp, 230 single phase line, 1.6kW
- Vacuum pump, stirring rod, liquid transfer pump all use standard 115V (or 230V) lines

Technical

- Evaporation flask load volume – 50L
- Evaporation flask minimum load volume – 2L
- Receiving keg load volume – 60L
- EcoChyll cooling capacity – *See chart in brochure*
- EcoChyll minimum temperature – -50°C
- Condenser single-coil surface area – ~4,500 cm²
- Heating mantle maximum temperature – 250°C
- Overhead stirrer maximum speed – 1800rpm (recommended 150rpm)
- Overhead stirrer maximum torque – 50 in-lbs = 800 in-oz
- Metal parts – Stainless steel 316
- Glass parts – Borosilicate glass
- Sealing and tubing materials – PTFE and FEP
- Warranty** – Two-Years Manufacturer (includes parts & labor, excludes all glass components)

Compliance

- NRTL-certified to UL 61010-1 electrical equivalent
- GMP compliant for US, EU and Canadian regulations

Ancillary Systems

- Welch 2028 Diaphragm Vacuum Pump (or pump of your choice)
- Caframo Ultra-Torque Overhead Stirrer
- Welch WOB-L 2511 Piston Pump