

# EcoChyll X3 Hi-Speed Evaporator - 12L

## **Specifications:**

### Equipment

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

### Electrical

- Total power usage – 2.8kW
- Heating mantle – 15 amp, 115V standard line, 1.8kW
- X3 EcoChyll – 10 amp, 115V standard line, 1kW
- Vacuum pump, stirring rod, liquid transfer pump all use standard 115V (or 230V) lines

### Technical

- Evaporation flask load volume – 12L
- Evaporation flask minimum load volume – 1L
- Receiving keg load volume – 30L
- EcoChyll cooling capacity – *Available upon request*
- EcoChyll minimum temperature – -50°C
- Condenser single-coil surface area – ~4000 cm<sup>2</sup>
- 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