

**A Cold Condenser For LPG Recovery During Extraction
Model HE-20 - All Stainless Steel - LPG 350psi Rated
Process Up To 20 Lb/Hr LPG - Chilled By Ice Water**

BHOGart HE-20 heat exchangers are a shell and tube design specifically for condensing liquefied petroleum gas (LPG: butane, propane and mixtures) during solvent recovery in the BHO extraction process.

The HE-20 heat exchanger operates between the recovery pump outlet and the recovery tank inlet. It will remove the heat added to the solvent during the evaporation process and by pump compression.

The HE-20 heat exchanger is designed for ice-cold water as the coolant, but any coolant fluid suitable for stainless steel may be used. New flat bottom design for base-mounting.

Design specification:

LPG: 20 Lb/Hr (4-5 GPH) @ 80°F, chilled to 45°F
Ice Water: 100 GPH (1.6 GPM) @ 35°F @ 30psi

Certification: ASME Pressure Vessel, UM Stamp

Construction: 350psi @ 100°F

Operating Temperature: 32°F to 100°F

Type: Shell and Tube; 19 tubes with 7 baffles

Material: 304 Stainless Steel, electropolished

Dimensions: 3.5" diameter x 21.3" long, Flat Bottom

Nozzles: LPG 3/8" MNPT; Water 1/2" FNPT

Weight: Empty 27 LBS; Full 33 LBS



Shown with optional valves and fittings.

