

# EXTRACTION CHILLERS

**Unique Processes Require Unique Solutions**

Precise temperature control to ensure high quality output in a repeatable process.

Low Temp  
LFT to -70°F



S Series  
LFT 25 to 90°F



W-Series  
LFT 20 to 140°F



Heat/Cool Combination  
LFT 20 to 140°F



## Extraction is a Unique Process... So Are Our Solutions

Extraction processes using CO<sub>2</sub>, butane, propane, or ethanol necessitate cooling for optimal operation. Each solvent has specific temperature needs crucial for maintaining consistent, high-quality output. Our solution is tailored to meet these diverse requirements across all extraction methods.

### EXTRACTION CHILLER SOLUTIONS

- Packages range in size from 1/8 to 360 HP
- Chiller packages for fluid temps from -70 to 140°F
- Combo heat/cool packages with dual fluid/temp circuits
- Electric or gas-fired heater packages from 10 to 2000kW
- Outdoor rated from -20 to 105°
- Designs for a variety of fluid options
- High production capacity requirements
- Load fluctuation and process stability controls
- Digital controls with communication protocols available
- Non-ferrous, corrosion-resistant fluid circuits
- Fused disconnects

### THE DTS DIFFERENCE

Dimplex has the experience and know how to cool your process. We currently partner with several leading players in the extraction market, because of our ability to tailor products for their unique needs. Our Koolant Coolers brand chillers are designed and assembled with the highest quality components, and a pride and commitment that has continued for over 70 years.

- Built to UL 1995 standards
- Industry leading 18-Months Parts and Labor Warranty
- 24/7 Global Technical Service and Support
- Next Day Parts Available on Most Models

# Varied Fluid Temperature Options to Meet Process Needs:

## 25 to 90°F

Our standard **J-Series** and **S-Series** product line is ideal for solvent recovery and many other extraction applications. Designed for robust high-production operation and 24/7 operation, these units are rated to operate in harsh environments where ambient conditions range from -20 to 100°F. These units feature built-in sub-cooling and oversized condensers to ensure reliable operations regardless of environment.

## -20 to 25°F

When production requires a lower fluid temperature, turn to our Medium-Temp product option. With high production level capacities and premium performance, this series provides standard cooling capacities over 150,000 BTU/hr and is highly customizable. (For larger capacities consult the factory.)

## -40 to -20°F

Should production demand even lower temperatures, our specialized **Low-Temp product** stands ready to serve. Built with repeatable process controls and increased temperature stability, this line provides standard cooling capacities over 60,000 BTU/hr and is designed for modularity expansion. the factory.)

## Ethanol Extraction Low Temp -70°F Chillers

With cooling capacities large enough to replace two units, the compact **LT-Series** saves both installation time and footprint. Two compressors in cascading configuration work together to provide the extremely low temperatures required of your process, while two standard refrigerants make local service a breeze.

## Combination Heating and Cooling

When a process requires both heating and cooling simultaneously, look no further than our **HEAT** and **COOL** design. This single unit provides two circuits (one cooling to 20°F and one heating to 140°F) to save on space and installation.

## Heater Packages

When heat is required in higher volumes, we offer heater packages available in both gas-fired and electric heat. The unit comes complete with controls, a circulation pump, a process pump, and a stainless-steel reservoir.

