



- **ELIMINATES RECTIFIER PRESSURE FLUCTUATION** Greater stability in rectifier operation during Depressurization application results in more consistent removal of fusel oils, higher yields and better fermentation
- **ENERGY SAVINGS** Direct injection of depressurization vapors prior to vaporizer enables less flow through vaporizer and can save up to \$100,000 per year in energy costs (Based on 50MMGY Ethanol Production)
- **QUICK RETURN ON ROI** Low initial investment only takes 2 years to recoup costs of full installation
- **REDUCED WATER USAGE AT COOLING TOWERS** With depressurization vapor heat load removed from 190 Condenser, less make-up water is used at the cooling tower resulting in a savings of 1.5 GPM Reduced Water Usage (Based on 50 MMGY Ethanol Production), creating a more favorable ratio of water used to ethanol produced
- **REDUCED USAGE OF CHILLERS** With depressurization vapor heat load removed from the 190 Condenser, this will translate to a reduced load on chiller capacity in the Summer months for high wet bulb temperature geographic locations
- **PROVEN SOLUTION** System operates using reliable Hydro-Thermal technology, which has been successfully utilized for more than 80 years