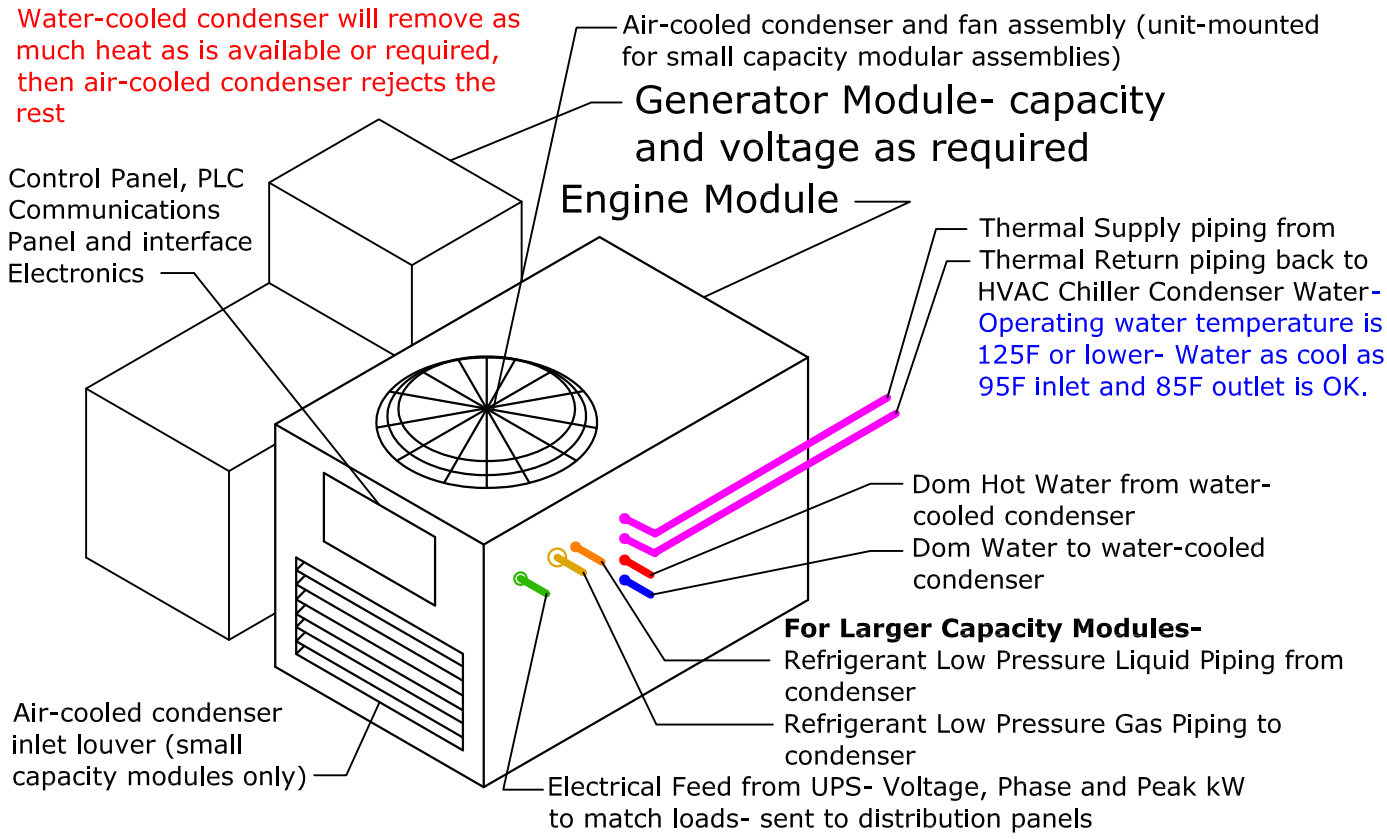

Engine drives Generator via timing belt connection. Generator output feeds battery bank, battery bank feeds UPS system, UPS feeds appropriate voltage, phase and frequency to loads. As load power changes, battery bank supports excess load or stores excess output until generator can recover.

FreeLoader™ CHR

Cooling Heat Rejection Powered Refrigerant Engine and Generator

> **This system solves two totally independent problems and provides significantly lower operating cost because of it.**

> Uses Thermal Energy in condenser water to operate refrigerant-based engine to drive generator AND **eliminates the need for cooling towers completely** (including water and chemical use).

>System condenser outlet will provide for entering water to chillers as low as 50F to allow chillers to operate with **very high energy efficiency**.

> **125F out, 45F back condenser water provides 0.8 kW/ton output power- chiller and condenser energy covered PLUS excess energy to building "grid".**

> **Costs less than $1,000 per NET kW.**

> **100% CO2 and NOx savings.**