

Launching: March 1st 2016

1. 2016 PRIME SERIES

The PRIME series is here!

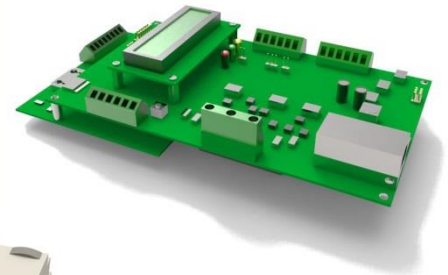
We took the best geothermal solution and made it better. The Prime Series' two-stage heat pump technology makes it our most efficient geothermal system in operation to date. It is the perfect balance of power, efficiency, style and intelligence. Housed within an ultra-quiet, compact, modern cabinet, the Prime Series possesses an intelligent communicating protection system and includes a 10-year parts and 5-year labor allowance. The Prime Series revolutionizes the geothermal energy industry.



All sizes include factory-installed SureStart™, Muffler, Earth Loop Protection Kit and **EarthLinked Diagnostics and Monitoring system (EDM)**.

Some of the main improvements over the Prime Select series include:

- ✔ Compact ultra-quiet cabinet
- ✔ Indoor unit
- ✔ Nano-PLC (Programmable Logic Controller)
- ✔ LFC-controlled (no TXV)
- ✔ Two-stage heating
- ✔ Prime liquid manifolds



2. DESIGN CHANGES

- ✔ V1.5 and D1.5 loops can now be installed all the way down to 40°F earth
- ✔ The Hybrid Cooling Module (HCM) is now only a requirement in cooling dominant applications with low soil conductivity
- ✔ Not required anymore to add 1,000 BTUH to the Heating Load for each occupant if domestic water heating by Heat Recovery Module (HRM) is part of the system

3. H1B LOOP

We have redesigned the H1 loop to make it easier and quicker to install. The new H1B loop comes ready to be dropped in a trench or pulled through a directional bore hole.

- ✔ Horizontal Earth Loop Depth (line sets and manifolds): **5 feet below grade; or at least 1.5 ft below the frost line.**
- ✔ Minimum recommended spacing between tubes and line sets: **1 foot**
- ✔ Minimum spacing between trenches: **4 feet**

4. AIR HANDLERS and CASED COILS

- ✔ New **lower cost** Air Handlers and Cased Coils
- ✔ Aluminum coils
- ✔ Standard: ECM 4-speed. Optional: ECM variable speed
- ✔ Order through EarthLinked
- ✔ Can be picked up or delivered by your local *United Refrigeration, Inc.* center.
- ✔ Do not require TXV anymore
- ✔ Require an Air Handler kit; as well as a Dual-stage Relay kit for the PRIME series compressors
- ✔ New Energy Star qualified **high velocity** Air Handlers



5. NEW PRICE BOOKS

- ✔ Includes all new products
- ✔ The Classic series does not include the EarthLinked Diagnostics and Monitoring system (EDM) or the SureStart™ but they can be purchased as options. This product line will be phased out at the end of 2016.
- ✔ New Hybrid Cooling Modules (HCM)
- ✔ The SDHO - SD series Heating Option kit is obsolete

6. NEW AND REVISED MANUALS

- ✔ EarthLinked Diagnostics and Monitoring system (EDM)
- ✔ Earth Loop - EL-SIS
- ✔ Quick-starts guides
- ✔ Air Handler and Cased Coils
- ✔ System Sizing & Performance Tables
- ✔ Hydronic Water Module
- ✔ Temperature controls
- ✔ Limited Warranty



7. DEALER TOOLKIT

- ✔ Redesigned Dealer website with Announcement board
- ✔ Savings Calculator
- ✔ EarthLinked Geothermal Design Software (LoopLink)
- ✔ Online ordering tool