ENHANCING PREVENTIVE MAINTENANCE OPPORTUNITIES
Prodigy® Control System—a contractor’s best friend

The Prodigy® control system, part of the advanced technology included on every Energence® rooftop unit, is the perfect partner for contractors looking to increase or enhance their preventive maintenance capabilities. Only the Prodigy control system offers real-time service verification that allows contractors to prove they were at the unit and their hard work has improved unit operation.

The controller that actually verifies service operation

- Patent-pending USB port downloads service reports to a standard USB flash drive
- Service reports show critical unit operation data
  - Runtime of key components
  - Important sensor data
  - Log of most recent alarm or status messages
- Compare unit status before/after maintenance or service call
- Quickly and efficiently verify maintenance

Unit Snapshot After Service

USB SERVICE REPORT
Service Date 7/4/2010
Service Time 4:23:00
Serial No. 5609K00002
M2 Version 7.06.00
DB1 Version 1.06.00
Unit No. 2
Sbus Address 2
BACnet Address 2
CAT No. 36L87
MODEL NO. LGH036H4ES1Y
Status COOLING

Runtime Data
Total Power On 1832 HRS 5 CYCLES
Before Install 50 HRS
Filter 0 HRS
Belt 1162 HRS 60 CYCLES
Blower 1162 HRS 60 CYCLES
Compressor 1 600 HRS 30 CYCLES
Compressor 2 200 HRS 10 CYCLES
Compressor 3 0 HRS 0 CYCLES
Compressor 4 0 HRS 0 CYCLES
Outdoor Fan 1 600 HRS 30 CYCLES
Outdoor Fan 2 0 HRS 0 CYCLES
Outdoor Fan 3 0 HRS 0 CYCLES
Outdoor Fan 4 0 HRS 0 CYCLES
Outdoor Fan 5 0 HRS 0 CYCLES
Outdoor Fan 6 0 HRS 0 CYCLES
Heat Stage 1 15 HRS 5 CYCLES
Heat Stage 2 0 HRS 0 CYCLES
Reheat 55 HRS 8 CYCLES
Free Cooling 100 HRS 50 CYCLES
UV Lamp 0 HRS 0 CYCLES

Sensor Data
DAT : 100 degF
RAT : 76 degF
DAT : 85 degF
ZAT : 83 degF
RH : 60 %
CO2 : 415 ppm

Alarm/Status Log
(23) 7.04.2010 1:05:00 23 ALARM(23) STRIKE 3 ON COMP 1 S87 COMP LOCKOUT.
CHECK Charge, Filters, Air Flow, Coil, Use Service Menu to Clear Lockouts.
(22) 7.04.2010 1:00:00 22 ALARM(22) COMP 1 LOW PRESS S87 COMP OFF.
Charge, Filters, Air Flow, Coil, Use Service Menu to Clear Lockouts.
( 5) 6.30.2010 21:05:00 23 ALARM(5) FILTER S27 REPLACE.
UNIT S27
The Prodigy® unit controller increases efficiency on maintenance and service calls. A self-test function allows contractors to individually test critical components.

- Self-test mode is done completely through the display
- No need for wires, jumpers or other cumbersome steps
- Individually test multiple key components including compressors, blower, heating operation, damper operation, condensing fans, sensors, and reheat
- Reduces time spent at the unit

The Prodigy unit controller is the key to increasing accuracy while reducing maintenance time—and that means the perfect opportunity for contractors to make the most of their maintenance and service calls.

More accuracy, more jobs, less wasted time

With the most number of diagnostic and status messages found on a light commercial unit controller, the Prodigy control system features actionable status and alarm messages in descriptive scrolling text.

Efficient service for maximum profit

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