DXM2
Communicating Control

SPECIFICATIONS

- DXM2 control board provides direct two-way communication between service tool and /or communicating thermostat for simplified start up and diagnostics in plain English

- A dashboard of system faults and diagnostics to give you the information you need at the tip of your fingers to keep the unit running at its optimum efficiency

- Sensors to measure temperatures for easy setup and troubleshooting saving you time and money:
    – Entering Water Temp
    – Leaving Water Temp
    – Leaving Air Temp
    – Compressor Discharge Temp

- DXM2 control provides precise direct component control and communicates real time status ensuring components work together at their optimum efficiency
    – Compressor / compressor speed
    – Reversing valve
    – Alarm relay
    – Fan speed/ fan speed relay
    – HWG pump (residential only)
    – Loop pump
    – ECM blower
    – Variable speed water pump
    – Modulating valves

- Easy airflow adjustments over a wide range when paired with intelligent EC fan motors

- Two configurable accessory relays to make it easy to add accessories in the field

- The DXM2 system Interfaces with communicating, conventional heat pump or heat/cool thermostats giving you and the user flexibility to use the best thermostat for the application.

- 8 standard safety features to protect equipment from running outside its standard operating conditions

- Configurable nighttime setback with available override

- DXM2 control includes emergency shut down input

- Auxiliary electric heat output

- Accessory water valve connection (24VAC 20VA)

- Boilerless electric heat control

DXM2
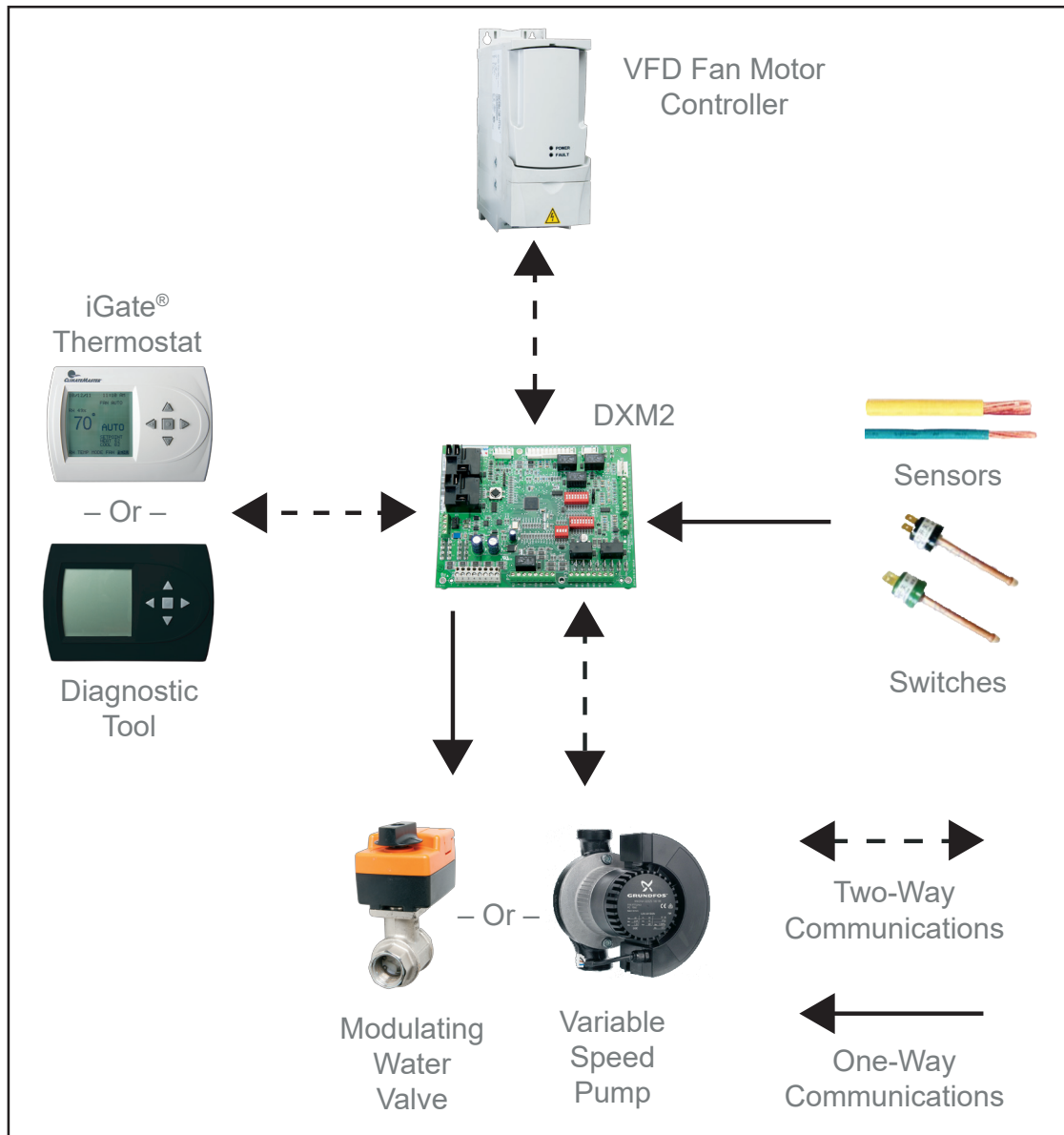## COMMUNICATING CONTROL

7602-457

The microprocessor based DXM2 coupled with the 7602-457 thermostat or 7602-444 service tool provides installers and users unmatched ability to interact with Comfort-Aire/Century heat pumps on plain English. DXM2 and the t-stat or service tool interface provide powerful installation, startup and diagnostic tools. The real time access to component and system status saves installers and technicians valuable time and money.

Comfort-Aire®
Century®

CONNECTIVITY

VFD Fan Motor Controller

iGate® Thermostat

DXM2

Sensors

– Or –

Diagnostic Tool

Switches

Modulating Water Valve

– Or –

Variable Speed Pump

Two-Way Communications

One-Way Communications

LC1053
Rev.: 06-14-21

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Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification.

All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

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