

# Taco Radiant Made Easy Application Guide

## Operating Modes and Key Features Overview by Product

EFFECTIVE: August 15, 2005

SUPERSEDES: March 1, 2004

|                                               |                                                         | OPERATING MODES      |                      |                                   |            |                      |                           |                       |                    |                   | KEY FEATURES                      |                  |                            |                 |                  |                     |                     |                                                 |                                     |                                    |                   |
|-----------------------------------------------|---------------------------------------------------------|----------------------|----------------------|-----------------------------------|------------|----------------------|---------------------------|-----------------------|--------------------|-------------------|-----------------------------------|------------------|----------------------------|-----------------|------------------|---------------------|---------------------|-------------------------------------------------|-------------------------------------|------------------------------------|-------------------|
|                                               |                                                         | Outdoor Boiler Reset | Outdoor Mixing Reset | Zone-by-Zone Outdoor Mixing Reset | Load Reset | Setpoint Temperature | Setpoint with Delta T Max | Delta T (Temperature) | Delta P (Pressure) | Boiler Protection | Domestic Hot Water (DHW) Priority | System Isolation | Maximum Supply Temperature | Digital Display | LED Status Panel | Exercising Function | System Pump Contact | Integral Flow Check (IFC) O=Optional S=Standard | Number of Strap-on Sensors Included | Number of Outdoor Sensors Included | Linear or Equal % |
| PRODUCTS                                      | Radiant Mixing Block (RMB)                              |                      | X                    | X                                 | X          | X                    | X                         |                       |                    | X                 |                                   |                  | X                          | X               |                  | X                   | X                   | S                                               | 2                                   | 1                                  |                   |
|                                               | X – Pump Block (XPB)                                    |                      | X                    | X                                 | X          | X                    | X                         |                       |                    | X                 |                                   | X                | X                          |                 | X                | X                   | S                   | 2                                               | 1                                   |                                    |                   |
|                                               | Variable Speed Outdoor Reset “00” Circulator (00-VR)    |                      | X                    | X                                 |            |                      |                           |                       |                    | X                 |                                   |                  |                            | X               | X                | X                   | O                   | 2                                               | 1                                   |                                    |                   |
|                                               | Variable Speed Setpoint “00” Circulator (00-VS)         |                      |                      |                                   |            | X                    |                           | X                     |                    | X                 |                                   |                  |                            | X               | X                |                     | O                   | 3                                               | 0                                   | X                                  |                   |
|                                               | Variable Speed Variable Voltage “00” Circulator (00-VV) |                      |                      |                                   |            | E                    |                           | E                     | E                  | E                 |                                   |                  |                            | X               | X                |                     | O                   | 0                                               | 0                                   | X                                  |                   |
|                                               | iSeries-R (Outdoor Reset) Mixing Valve                  |                      | X                    | X                                 |            |                      |                           |                       |                    | X                 |                                   |                  |                            | X               |                  |                     |                     | 2                                               | 1                                   |                                    |                   |
|                                               | iSeries-S (Setpoint) Mixing Valve                       |                      |                      |                                   |            | X                    |                           |                       |                    | X                 |                                   |                  |                            | X               |                  |                     |                     | 1                                               | 0                                   |                                    |                   |
|                                               | 5000 Series Thermostatic Mixing Valve                   |                      |                      |                                   |            | X                    |                           |                       |                    |                   |                                   |                  |                            |                 |                  |                     |                     |                                                 |                                     |                                    |                   |
|                                               | PC700 Outdoor Boiler Reset Control                      | X                    |                      |                                   |            |                      |                           |                       |                    |                   | X                                 |                  |                            | X               |                  |                     |                     |                                                 | 1                                   | 1                                  |                   |
|                                               | PC702 Two Stage Outdoor Boiler Reset Control            | X                    |                      |                                   |            |                      |                           |                       |                    |                   | X                                 |                  |                            | X               |                  |                     |                     |                                                 | 1                                   | 1                                  |                   |
| PC705 Variable Speed Injection Mixing Control |                                                         | X                    |                      | X                                 | X          |                      |                           |                       |                    | X                 |                                   | X                | X                          |                 |                  | X                   |                     | 2                                               | 1                                   |                                    |                   |

E = Signal given through external control (i.e. building management or DDC system)

## Radiant Made Easy™

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