

WAIWELA By: **Paloma** **Quality Water Heaters**

MIC-180 & MICS-180 for PH-28C series
Manifold Installation Controller for Multi-Unit Systems
supports manifolding in 2 to 20 unit systems.



Installation Example



MIC-180 + MICS-180

The best Tankless solution for large commercial water heating applications!

MIC-180: Main Communication Controller for 2 units to 6 units.

MICS-180: Extended Communication Controller for 7 units to 20 units.

Endless Hot Water!

Note: Proper gas and water pressure must be provided to ensure full performance of the PALOMA PH-28C.

Note: Piping must be "Parallel" piping only.

Efficient Technology Sales
4975 East 41st Ave
Denver, CO 80216
Phone: (303) 339-4900
Fax: (303) 339-4909
Toll Free: (800) 605-6542
Email: sales@waiwela.com
Web: www.waiwela.com

SPECIFICATIONS (Approx.)

| | | |
|--|---|--|
| Model | MIC-180 | |
| Standard | Main Communication PCB for manifolding 2 to 6 PH-28C water heaters, mounting screws, manifold box, power supply cord and connector for optional hardwiring | |
| Installation | Indoor and Outdoor Wall Mounting Type | |
| Dimensions (inches) | 13 3/4 (W) x 20 1/2 (H) x 5 5/16 (D) | |
| Net Weight (lbs) | 13 | |
| Hot Water Supply | Adjusting Range | 100°F ~ 180°F (With Main Remote Control) 100°F ~ 120°F (With Bath Remote Control) |
| | Max. Setting | Up to 180°F (With Main Remote Control and Dip Switch Adjustment) |
| Electric Portion | Electric Rating | 120 VAC/60Hz, Less than 3 Amps |
| | Power Supply | 3 Pin Power Supply Cord 10 Feet (Indoor) Connector for optional hardwiring |
| | Fuse | 5A x 1 |
| LED & LED Lamp | Displays error codes and the number of the failed water heater (at the same time, the LED Lamp illuminates), and enables access to necessary maintenance information. | |
| MICS-180 (Sold Separately) | Extended Communication PCB for manifolding installations with 7 to 20 PH-28C water heaters | |
| Communication Cables (Sold Separately) | MIC-K-16: 16 Feet Communication Cable MIC-K-32: 32 Feet Communication Cable MIC-K-65: 65 Feet Communication Cable | |

Since we are constantly improving our products, all specifications are subject to change without notice.

Hot Water Flow Rate and Temperature Rise for Manifold Installations

| Temp. Rise (°F) | 2 Units GPM | 3 Units GPM | 4 Units GPM | 5 Units GPM | 6 Units GPM | 10 Units GPM | 15 Units GPM | 20 Units GPM |
|-----------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| 140 | 4.8 | 7.2 | 9.6 | 12.0 | 14.4 | 24.0 | 36.0 | 48.0 |
| 130 | 5.2 | 7.8 | 10.4 | 13.0 | 15.6 | 26.0 | 39.0 | 52.0 |
| 120 | 5.6 | 8.4 | 11.2 | 14.0 | 16.8 | 28.0 | 42.0 | 56.0 |
| 110 | 6.2 | 9.3 | 12.4 | 15.5 | 18.6 | 31.0 | 46.5 | 62.0 |
| 100 | 6.8 | 10.2 | 13.6 | 17.0 | 20.4 | 34.0 | 51.0 | 68.0 |
| 90 | 7.4 | 11.1 | 14.8 | 18.5 | 22.2 | 37.0 | 55.5 | 74.0 |
| 80 | 8.4 | 12.6 | 16.8 | 21.0 | 25.2 | 42.0 | 63.0 | 84.0 |
| 70 | 9.6 | 14.4 | 19.2 | 24.0 | 28.8 | 48.0 | 72.0 | 96.0 |
| 60 | 11.2 | 16.8 | 22.4 | 28.0 | 33.6 | 56.0 | 84.0 | 112.0 |
| 50 | 13.4 | 20.1 | 26.8 | 33.5 | 40.2 | 67.0 | 100.5 | 134.0 |
| 45 | 14.8 | 22.2 | 29.6 | 37.0 | 44.4 | 74.0 | 111.0 | 148.0 |