

AMTROL's BoilerMate Commercial indirect-fired water heaters are available in single or double-wall construction. Universal heat exchanger flanges and top cleanout plates make the Premier Series the most versatile indirect for multiple-heater installations and commercial applications. The 41-gallon WH-7C is well suited to light commercial applications such as restaurants, laundries and small rental properties.

Specifications

| Model Number | Capacity (gallons) | Height (inches) | Diameter (inches) | Shipping Weight (lbs.) | Cold Water inlet-nptm | Hot Water outlet-nptf | Boiler Supply | Boiler Return |
|--------------|--------------------|-----------------|-------------------|------------------------|-----------------------|-----------------------|----------------|----------------|
| WH-7C | 41 | 48 | 22 | 144 | 3/4" | 3/4" | 3/4" NPTM | 3/4" NPTM |
| WH-7C-DW | 41 | 48 | 22 | 151 | 3/4" | 3/4" | 1" Union Sweat | 1" Union Sweat |
| WHS-60ZC | 60 | 54 | 26 | 168 | 1" | 1" | 1" NPTM | 1" NPTM |
| WHS-60-ZCDW | 60 | 54 | 26 | 178 | 1" | 1" | 1" Union Sweat | 1" Union Sweat |
| WHS-80ZC | 80 | 66 | 26 | 178 | 1" | 1" | 1" NPTM | 1" NPTM |
| WHS-80-ZCDW | 80 | 66 | 26 | 188 | 1" | 1" | 1" Union Sweat | 1" Union Sweat |
| WHS-120-ZC | 119 | 71 | 29 | 218 | 1" | 1" | 3/4" NPTM | 1" NPTM |
| WHS-120-ZCDW | 119 | 71 | 29 3/4 | 228 | 1" | 1" | 1" Union Sweat | 1" Union Sweat |

Performance

| WH-7C, WH-7CDW | | |
|--|--|--|
| BOILER OUTPUT (7 gpm input-to BoilerMate) | 1 FIRST-HOUR RATING (90°F rise) | 2 CONTINUOUS FLOW (70°F rise steady state) |
| BTU/HR | GALLONS | GPH |
| 100,000 | 170 | 172 |
| 120,000 | 197 | 207 |
| 140,000 | 223 | 241 |
| 160,000 | 250 | 275 |
| 180,000 | 277 | 310 |
| 200,000 | 304 | 344 |
| 220,000 | 331 | 379 |
| 240,000 | 357 | 413 |
| 260,000 | 384 | 448 |
| 280,000 | 411 | 482 |



| WHS-60ZC, WH-60ZCDW | | |
|--|--|--|
| BOILER OUTPUT (7 gpm input-to BoilerMate) | 1 FIRST-HOUR RATING (90°F rise) | 2 CONTINUOUS FLOW (70°F rise steady state) |
| BTU/HR | GALLONS | GPH |
| 100,000 | 185 | 173 |
| 120,000 | 212 | 208 |
| 140,000 | 239 | 242 |
| 160,000 | 266 | 277 |
| 180,000 | 293 | 312 |
| 200,000 | 320 | 346 |
| 220,000 | 346 | 379 |
| 240,000 | 372 | 413 |
| 260,000 | 399 | 448 |
| 280,000 | 426 | 482 |



| WHS-80ZC, WHS-80ZCDW | | |
|--|--|--|
| BOILER OUTPUT (7 gpm input-to BoilerMate) | 1 FIRST-HOUR RATING (90°F rise) | 2 CONTINUOUS FLOW (70°F rise steady state) |
| BTU/HR | GALLONS | GPH |
| 100,000 | 202 | 173 |
| 120,000 | 229 | 208 |
| 140,000 | 256 | 242 |
| 160,000 | 283 | 277 |
| 180,000 | 310 | 312 |
| 200,000 | 337 | 346 |
| 220,000 | 363 | 379 |
| *240,000 | 389 | 413 |
| 260,000 | 416 | 448 |
| 280,000 | 443 | 482 |



| WHS-120ZC, WHS-120ZCDW | | |
|--|--|--|
| BOILER OUTPUT (7 gpm input-to BoilerMate) | 1 FIRST-HOUR RATING (90°F rise) | 2 CONTINUOUS FLOW (70°F rise steady state) |
| BTU/HR | GALLONS | GPH |
| 100,000 | 236 | 173 |
| 120,000 | 263 | 208 |
| 140,000 | 289 | 242 |
| 160,000 | 316 | 275 |
| 180,000 | 343 | 310 |
| 200,000 | 370 | 344 |
| 220,000 | 397 | 379 |
| 240,000 | 423 | 413 |
| 260,000 | 450 | 448 |
| 280,000 | 477 | 482 |



Maximum BTU transfer with 180°F boiler water:

*ZCDW Models = 240,000

5-Year Limited Warranty