



Indirect-Fired Water Heaters

SUBMITTAL SHEET

JOB NAME _____

LOCATION _____

ARCH. / ENGR. _____

WHOLESALER _____

MECH. CONTRACTOR _____

AQUA PLUS® MODEL NO. _____ QUANTITY _____

NOTES _____

Standard Equipment

Aqua Plus® Indirect-Fired Water Heaters:

- Tank Models: 35, 45, 55, 85 and 105
- AHRI Certified® - The Trusted Mark of Performance Assurance
- Factory pressure tested
- 316L welded stainless steel tank
- 304 stainless steel coil over 1 inch in diameter
- Exclusive replaceable anode
- Dedicated recirculation tapping
- 2" thick CFC-free foam insulation
- Large inspection port for easy cleaning and service
- Adjustable feet for uneven floors
- 150 PSI Temperature and Pressure relief valve included



| Ratings | Aqua Plus® Model | 200°F Boiler Water | | | 190°F Boiler Water | | | 180°F Boiler Water | | |
|---------|------------------|--------------------|----------------|----------------|--------------------|----------------|----------------|--------------------|----------------|----------------|
| | | Boiler Out (MBH) | 115F DHW (GPH) | 140F DHW (GPH) | Boiler Out (MBH) | 115F DHW (GPH) | 140F DHW (GPH) | Boiler Out (MBH) | 115F DHW (GPH) | 140F DHW (GPH) |
| | 35 | 170 | 337 | 223 | 170 | 311 | 202 | 150 | 284 | 181 |
| | 45 | 190 | 363 | 243 | 170 | 335 | 222 | 150 | 307 | 200 |
| | 55 | 210 | 443 | 302 | 190 | 411 | 278 | 190 | 378 | 252 |
| | 85 | 300 | 551 | 374 | 250 | 511 | 343 | 250 | 470 | 310 |
| | 105 | 350 | 715 | 483 | 350 | 662 | 442 | 300 | 608 | 400 |

* With 50°F domestic water inlet and stated other conditions

| Data | Aqua Plus® Model | 35 | 45 | 55 | 85 | 105 |
|------|-------------------------------|---------------|------|------|------|-------|
| | DHW Side Storage (gal) | 29.6 | 39.9 | 53.1 | 80.6 | 109.4 |
| | Boiler Side Storage (gal) | 1.6 | 1.9 | 2.2 | 2.5 | 3.5 |
| | Recommended Flow Rates (GPM) | 8 | 8 | 8 | 14 | 14 |
| | Head Loss-Boiler Side (ft) | 2 | 3.3 | 1.6 | 5.4 | 7.1 |
| | Working Pressure - Tank (psi) | 150 (Maximum) | | | | |
| | Working Pressure - Coil (psi) | 145 (Maximum) | | | | |
| | DHW Operating Temp (°F) | 160* | | | 180 | |
| | Approx. Shipping Weight (lbs) | 94 | 111 | 122 | 223 | 238 |

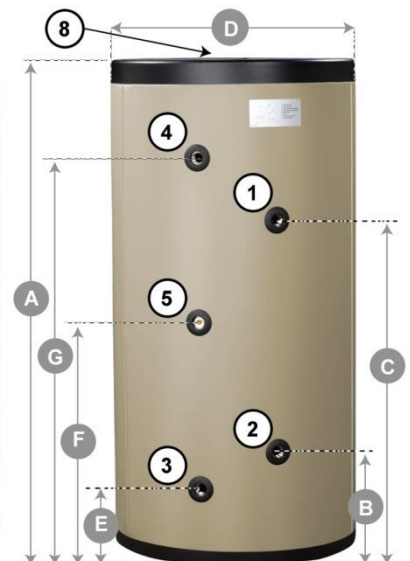
| Dimensions | Aqua Plus® Model | 35 | 45 | 55 | 85 | 105 |
|------------|---------------------|-------------|--------|--------|-------------|--------|
| | DHW In/Out & Recirc | 3/4 in. NPT | | | 1 in. NPT | |
| | Boiler Water In/Out | 1 in. NPT | | | 1 in. NPT** | |
| | A Dimension (in.) | 36 3/8 | 46 1/4 | 60 | 59 1/2 | 59 3/4 |
| | B Dimension (in.) | 7 7/8 | 7 7/8 | 7 7/8 | 10 3/8 | 14 1/4 |
| | C Dimension (in.) | 24 | 26 | 29 7/8 | 33 1/4 | 41 3/8 |
| | D Dimension (in.) | 21 7/8 | 21 7/8 | 21 7/8 | 26 | 30 |
| | E Dimension (in.) | 7 3/8 | 7 3/8 | 7 3/8 | 8 7/8 | 9 7/8 |
| | F Dimension (in.) | 17 5/8 | 21 1/4 | 28 1/8 | 31 1/2 | 29 5/8 |
| | G Dimension (in.) | 28 | 37 7/8 | 51 3/8 | 50 3/8 | 40 5/8 |

* Optional 180°F thermostat available

**1 1/4" piping required

Key Features:

1. Boiler water inlet
2. Boiler water outlet
3. Cold water inlet
4. Hot water outlet
5. Domestic water recirculation inlet
6. Inspection hatch and cover with thermostat knob
7. Magnesium anode rod
8. Temperature and Pressure relief valve connection



In the interest of continual improvements in product and performance, Weil-McLain reserves the right to change specification without notice. For reference use only. See product manual for detailed information.