



Indirect-Fired Water Heaters
Series 2

SUBMITTAL SHEET

JOB NAME _____

LOCATION _____

ARCH. / ENGR. _____

WHOLESALER _____

MECH. CONTRACTOR _____

MODEL NO. _____

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
- Fully Passivated 316L Stainless Steel Tank and Coil Design
- Precise Digital Thermostat – Residential and Commercial Compatible
- 2" Thick CFC-free Foam Insulation
- Resilient Vinyl Jacket
- Heavy Duty Poly Resin Top and Bottom Covers
- Adjustable Feet for Uneven Floors
- 150 PSI Temperature and Pressure Relief Valve Included



Specifications

RATINGS (WITH 50°F DOMESTIC WATER INLET AND STATED OTHER CONDITIONS)

Aqua Plus® Model	200°F Boiler Water			190°F Boiler Water			180°F Boiler Water		
	Boiler Out MBH	115°F DHW GPH	140°F DHW GPH	Boiler Out MBH	115°F DHW GPH	140°F DHW GPH	Boiler Out MBH	115°F DHW GPH	140°F 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

DATA

	35	45	55	85	105
DHW Side Storage (gal.)	29.7	39.9	54.1	81.6	110.9
Boiler Side Storage (gal.)	1.7	1.9	2.2	2.7	3.9
Recommended Flow Rates (GPM)	8	8	8	14	14
Head Loss-Boiler Side (ft.)	1.6	1.6	1.6	5.4	7.1
Working Pressure (Tank) (psi)	150 (maximum)				
Working Pressure (Coil) (psi)	145 (maximum)				
DHW Operating Temp (°F)	50°F-160°F, Adjustable to 180°F				
Approx. Shipping Weight (lbs)	94	111	122	223	238

DIMENSIONS

Dimensions (inches)	35	45	55	85	105
A	36 ³ / ₈	46 ¹ / ₄	60	59 ¹ / ₂	59 ³ / ₄
B	7 ⁷ / ₈	7 ⁷ / ₈	7 ⁷ / ₈	10 ³ / ₈	14 ¹ / ₄
C	24	26	29 ⁷ / ₈	33 ¹ / ₄	41 ¹ / ₈
D	21 ⁷ / ₈	21 ⁷ / ₈	21 ⁷ / ₈	26	30
E	7 ³ / ₈	7 ³ / ₈	7 ³ / ₈	8 ⁷ / ₈	9 ⁷ / ₈
F	28	37 ⁷ / ₈	51 ³ / ₈	50 ³ / ₈	48 ³ / ₈
DHW In/Out	¾ in NPT			1 in NPT	
Boiler Water In/Out	1 in NPT			1 in NPT*	

*1/4" piping required



CONNECTIONS/COMPONENTS:

- | | |
|--------------------------------|------------------------|
| 1. Digital thermostat | 4. Hot water outlet |
| 2. Thermostat probe | 5. Boiler water inlet |
| 3. T&P relief valve connection | 6. Boiler water outlet |
| | 7. Cold water inlet |

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.