

**Manufactured  
for quality and  
performance since 1906,  
that's LONGEVITY.**

# MONARCH

STAINLESS STEEL INDIRECT TANK



All Stainless Steel Construction



Corrugated Coil



Top Connections:  
DHW 3/4" (30-60) & 1" (80 -120)  
Recirc. 3/4" (30-60) & 1" (80 -120)



Factory Included: T&P Valve,  
1/2" Drain Valve, Aquastat



Acid Pickling for Increased  
Corrosion Resistance



Specification	Monarch 30	Monarch 40	Monarch 50	Monarch 60	Monarch 80	Monarch 100	Monarch 120
Diameter	22-1/4"	22-1/4"	22-1/4"	22-1/4"	26-1/2"	26-1/2"	32"
Height	40-1/2"	50-1/2"	56-1/4"	64"	61"	73"	63-1/2"
Boiler/Supply Return (MNPT)	1"						
Domestic Inlet/Outlet (MNPT)	3/4"				1"		
Recirc. (MNPT)					3/4"		
T&P Connection (FNPT)	1/2"						
Drain Connection (FNPT)	1/2"						
Weight - Empty (lbs)	62	73	84	92	130	134	174
Weight - Shipping (lbs)	76	88	100	110	156	165	208
Coil Capacity (gal)	1.3	1.3	1.6	1.6	2	2	3
DHW Water Capacity (gal)	31	40	46.3	53.2	78.9	96.4	118.9
Standby Loss, °F/h	1	0.7	0.8	0.6	0.5	0.5	0.3
Heating Surface (Sq ft.)	8-1/2	8-1/2	12	12	16	16	21-1/2
Boiler Output (btu/hr)	120,000	122,000	154,000	156,000	192,000	192,000	257,000
First Draw, gal/h	25	34	39	47	70	89	101
1st Hour Rating (gal/hr)	214	228	281	293	372	391	503
Continuous Flow (gal/hr)	189	194	242	247	302	298	403
Pump Requirements	14 gpm	14 gpm	14 gpm	14 gpm	14 gpm	14 gpm	14 gpm
	2.3'	2.3'	3.4'	3.4'	5.3'	5.3'	7.6'

NOTE: Listed ratings were obtained with a heat source output rate shown, flow rate of 14 gpm and 180°F (82°C) boiler water supply temperature. Other results are obtained under different conditions.

## IDEAL ADVANTAGE

A warranty program that rewards both the contractor and homeowner.

### RESIDENTIAL

 **ELITE WARRANTY**

- LIFE TIME LIMITED TANK
- 6 YEAR PARTS
- 3 YEAR LABOR

 **PLUS WARRANTY**

- LIFE TIME LIMITED TANK
- 1 YEAR PARTS
- 1 YEAR LABOR

 **STANDARD WARRANTY**

- LIFE TIME LIMITED TANK
- 1 YEAR PARTS
- 0 YEAR LABOR

### COMMERCIAL

 **ELITE WARRANTY**

- 6YR LIMITED TANK
- 6 YEAR PARTS
- 3 YEAR LABOR

 **PLUS WARRANTY**

- 6YR LIMITED TANK
- 1 YEAR PARTS
- 1 YEAR LABOR

 **STANDARD WARRANTY**

- 6YR LIMITED TANK
- 1 YEAR PARTS
- 0 YEAR LABOR