

SWIMMING POOL — SECTION SCHEDULE BASIS

Boiler Side: Water: 180°F Supply, 130°F Return Pool Heating Side: 70°F Supply, 107°F Return

Model (3)	POOL SIZE GALLONS (1)	HEAT EXCHANGER BTU/Hr (max output)	BOILER SIDE		POOL WATER FLOW (2) GPM	POOL SIDE PRESSURE DROP PSI
			Flow	Pressure Drop		
			GPM	PSI		
BP400-10	2,000	33,300	1.37	0.52	1.8	0.63
BP400-10	4,000	66,600	2.75	1.9	3.6	2.3
BP400-10	6,000	99,900	4.1	4.1	5.4	5
BP400-20	8,000	133,200	5.5	1.66	7.3	2.5
BP400-30	10,000	166,823	7.0	2.3	9.0	5.1
BP400-30	15,000	250,234	10.0	2.7	14.0	4.5
BP412-20	20,000	333,645	13.0	2.5	18.0	3.4
BP412-20	25,000	417,056	17.2	4.0	22.6	5.5
BP412-20	30,000	500,467	20.7	5.6	27.2	7.7
BP412-30	40,000	667,290	27.0	3.9	36.0	6.9
BP422-30	50,000	834,113	34.4	4.7	45.2	7.6
BP422-40	60,000	1,000,936	40.0	3.7	54.0	6.9
BP422-40	70,000	1,167,758	48.0	5.1	63.0	8.2
BP422-50	80,000	1,334,581	53.0	3.7	72.0	6.9
BP422-50	90,000	1,501,400	62.0	5.3	81.3	8.6
BP422-60	100,000	1,668,226	67.0	4.7	90.0	7.9
BP422-80	120,000	2,001,871	82.5	3.9	108.0	6.9
BP422-100	150,000	2,502,000	103.2	4.2	135.6	7.4

Larger Models
Available

- 1) Provides approx. 2°F per hour heating with 180°F boiler to achieve 80°F pool temperature.
- 2) Pool water flow rate usually requires flow by pass from main pool circulation.
- 3) Chlorinated pool water can be corrosive to SS316L and Copper. Proper control of chlorine levels is required or alternate materials of construction should be considered.