

# Cold Plunge Chiller Sizing Guide

<b>Indoor Plunge Pool Chiller Sizing Guide</b>			
<b>Pool Volume ( Gallons )</b>	<b>Chiller Capacity</b>	<b>Chiller H.P @ 50F LWT</b>	<b>Chiller H.P. @ 45F LWT</b>
<b>100 to 300</b>	1 Ton	1.0	1.5
<b>300 to 450</b>	1-1/2 Ton	1.5	2.0
<b>450 to 650</b>	2 Ton	2.0	2.5
<b>650 to 950</b>	3 Ton	3.0	3.5
<b>950 to 1,200</b>			
<b>1,200 to 1,500</b>	4 Ton	4.0	5.0
<b>1,500 to 2,000</b>	5 Ton	5.0	6.3
<b>2,000 to 2,700</b>	6 Ton	6.3	7.0
<b>2,700 to 3,500</b>	7 Ton	7.5	8.0

**Chiller Sizing Guide is based on the following:**

1. Indoor pool in air-conditioned space.
2. Duration of use is short.
3. Dipping body part—not full body immersion.

**Important considerations:**

1. Piping that is exposed to sun light or uninsulated.
2. Piping runs under warm cement floors.
3. Long piping runs (that can absorb heat).
4. Filter systems that add heat.
5. Cool down time - chart assumes chiller will be used to maintain the water at a fixed temperature. If plunge pool chiller will be turned on/off with specified cool down timeframes, consult factory..

Note - This is a guide only. No warranties or guaranties are given or implied. If site conditions are not consistent with chart limitations and considerations or if you are unsure about how to size, consult factory for assistance.