



# Process Chiller Buyer's Guide

We are Challenging the Status Quo

Section Subject

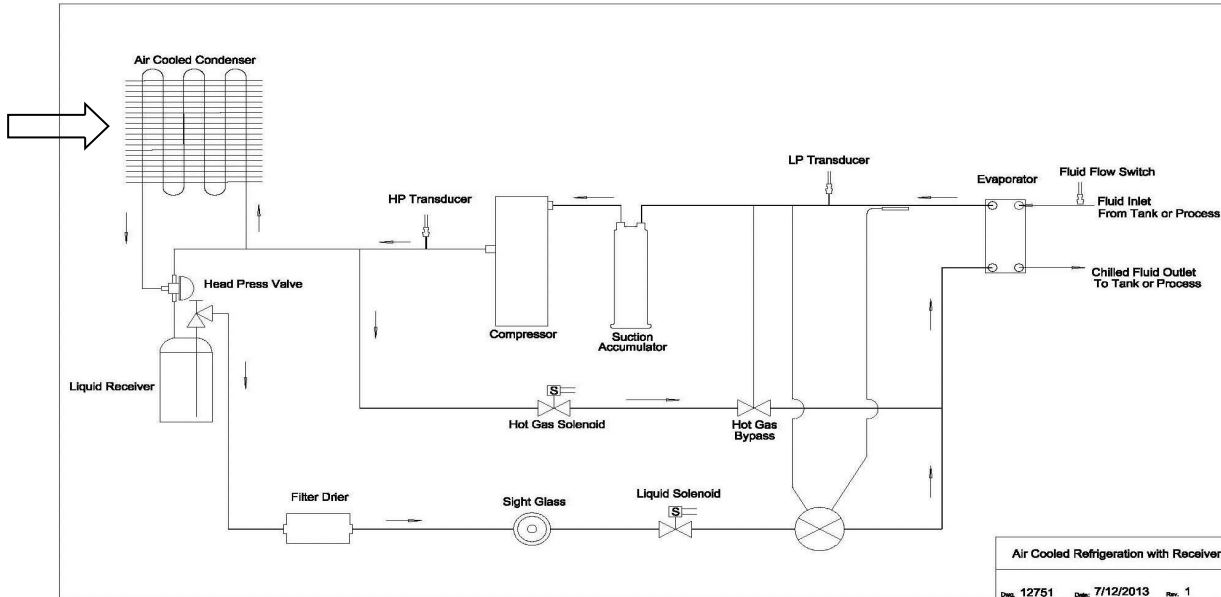
**Air-Cooled and Water-Cooled Chillers**

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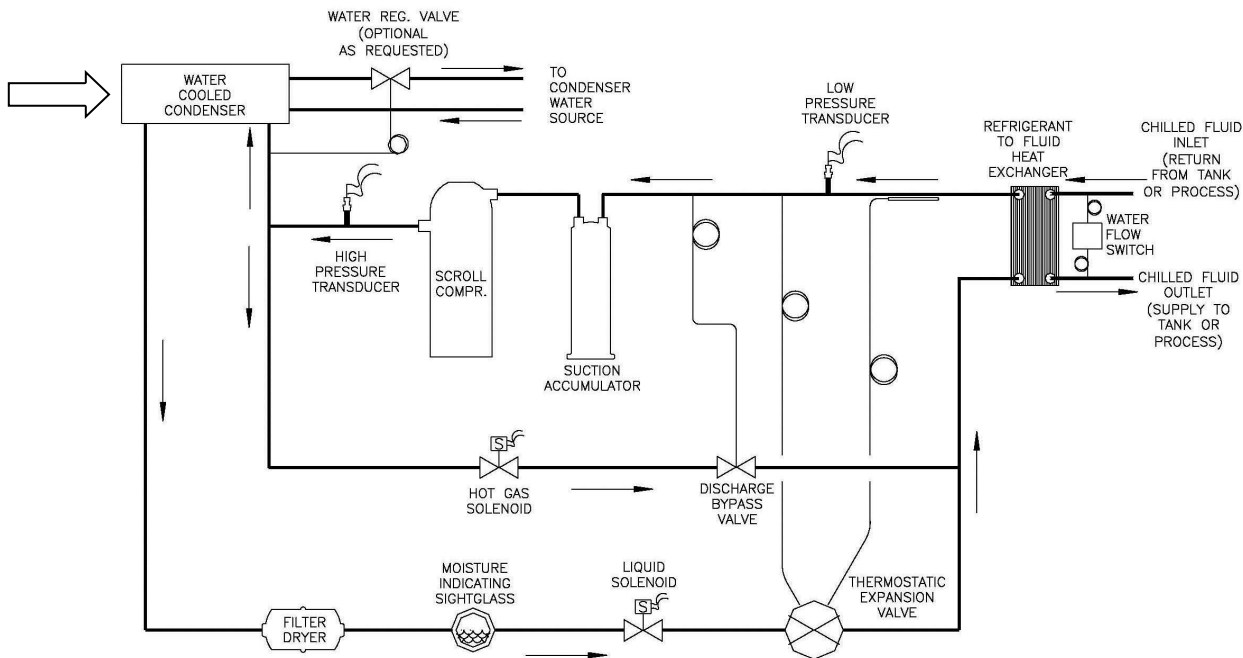
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# Air-Cooled and Water-Cooled Chillers

One of the most frequently asked questions by customers is, “What is the difference between an air-cooled vs a water-cooled chiller?” Below, you find an example of each. You will note that the refrigeration systems in these examples are virtually identical. On the top left of each drawing we have inserted an arrow indicating the one and only major difference in these two systems. In the case of an air-cooled chiller (example #1), heat is rejected to the outside air. This process is very similar to how an automobile rejects heat to the air by way of a radiator. In the case of a water-cooled chiller (example #2), heat is rejected to another water source such as a cooling tower.



**Example #1 : Air-Cooled Process Chiller System**



**Example #2 : Water-Cooled Process Chiller System**

**Designed and Manufactured in the USA**

The Next Generation of Process Chillers - ETL Listed

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