

Circuit Sketches

One issue confronting salespeople, contractors and engineers as they attempt to discuss an existing coil is how to describe it. What one person describes as "rows", another will call "passes", and yet a third will identify as "tubes high".

The diagram below is what we believe most accurately describes the components of a coil. It shows the rows deep, tubes in the face (or tubes high), number of passes, etc.

However, when an old coil is observed in the field, you can usually only see the header end and/or the end opposite the header (also known as the return bend end). Luckily, taking good pictures or notes of both of those ends will identify many of the critical details on a coil.

Attached you will find diagrams/pictures of several circuiting views.

TYPICAL CHILLED WATER COIL **4 ROW, 5 CIRCUIT, 4 PASS, 5 TUBE FACE**

