

**Tech Tip #3 Winterize**

(Norwalk-TechT\_W01)



The Cold weather is HERE! Is your compressor ready for it?

It is not uncommon to find our Norwalk Compressors located either outside or in a non-heated buildings. A cold snap can and has caused major maintenance problems for your machines. Simple maintenance steps can prevent this from happening.

A coolant supply and return system is required for our air/gas compression equipment. If you have a recycle cooling water system, which typically utilizes a cooling water tower, a 50-50 volume Glycol to water coolant mixture is recommended.



**Cracked cylinder water jacket**



**Frozen inlet and outlet water lines**

If your system does not recycle, it must be pressurized and circulated continuously. Unless otherwise noted on your U&ID, the coolant supply pressure must not exceed 100 psig. Constant circulation will help prevent the water from freezing as shown in the photos below.



**Heat exchanger tank frozen over**



**Water jacket cover destroyed by ice.**