Manitowoc® **Parts & Service Communicator**

Subject: Important RFC Remote Condensing Unit Information

For use with SF900C/SN0950C/SF1200C/SN1250C head sections.

The RFC Remote Condensing Unit contains the compressor, condenser, accumulator and head pressure control valve. The line set consists of a low pressure suction line and a high pressure liquid line. Only flake/nugget models ending in “C” use RFC Remote Condensing Units.

Electrical Information

The ice machine head section and remote condensing unit are wired independent of each other. A separate dedicated fuse/circuit breaker must be provided for each section. Circuit breakers must be H.A.C.R. rated (does not apply in Canada).

Interconnecting wiring (115/60/1) is required between the ice machine and condensing unit to energize the contactor coil.

⚠ Caution

RFC Condensing Units: Energize the head section before the condensing unit. This allows the system pressure to equalize prior to energizing the condensing unit. Energizing the compressor while in a vacuum may cause immediate compressor failure.

Line Set Information

QuietQube® Ice Machine	Remote Condensing Unit	Line Set	Suction Line	Liquid Line
SF900C SN950C	RFC985	RC-21 RC-31 RC-51	5/8 inch (15.9 mm)	3/8 inch (9.5 mm)
SF1200C SN1250C	RFC1285			

Important

Manitowoc remote systems are only approved and warranted as a complete new package. Warranty on the refrigeration system will be void if a new ice machine head section is connected to pre-existing (used) tubing or condensing units or vice versa.