

Ammonia Spray Chiller Exceeds All Expectations

Isotherm, Inc. a Texas based manufacturer of RSW evaporators, condensers and systems supplied a custom designed **Ammonia Spray Evaporator** earlier this year to **Silver Bay Seafood** an Alaska based herring processor as shown in the attached picture. The design was based on a capacity of 2200 kW with ammonia suction at -28°C and sodium chloride brine flow rate of 795 m³/h with outlet temperature of -20°C. The total ammonia charge for the evaporator is less than 250 kg. The chiller has exceeded all expectations as evident from the client's following e-mail message of April 4, 2010:

Thanks to you and your crew, we have had a very successful herring season. I am processing about 750-800 tons a day (we averaged 450 tons last year), which I believe makes us the largest herring operation of our type in the world. I am pleased beyond measure at the performance of our new chiller. Please extend my thanks to the entire crew.

Dan

