

MaxR100A™ Ammonia Compressor Treatment Test



MaxR100A Savings Measurements at a Food Processing Plant

- ❖ The chillers below are ammonia, M&M screw, 250 H.P. each
- ❖ Chiller systems are 5 years old
- ❖ MaxR100A™ installed September 2002
- ❖ Test results were measured 2 to 4 weeks after installation

Load Measured	Amps Before	Amps After	Percentage of Change
Chiller #1	245	190	-22.4%
Chiller #2	246	188	-23.6%
Chiller #3	299	234	-21.7%
Master Air #1	13	10.5	-19.2%
Master Air #2	15	12.5	-16.7%
Cooler #3	35	33.1	-5.4%
Cooler #1	9.7	7.2	-25.8%
Freezer #1	52	44.5	-14.4%
Freezer #2	51.2	43.5	-15.0%
Dairy Cooler	18	12.8	-28.9%
Small A/C	16.7	15.5	-7.2%
Ice Builder #1-A	23.5	17	-27.7%
Ice Builder #1-B	32.4	20.5	-36.7%
Ice Builder #2	54.1	41.4	-23.5%

Average Amp Reduction = - 20.6%

The use of **MaxR100A™** also reduces kWh consumption, equipment wear, latent heat (humidity), equipment noise, maintenance requirements, labor costs, equipment replacement costs, and down time. The net result is better performing equipment, with less headaches and an improved bottom line.

For more information about MaxR100A™, visit our website at www.maxr100.com