

Is your refrigeration equipment freezing your profits?

We offer:

- Worldwide 24 hour response, 7 days a week
- Over 120 years of combined industrial refrigeration experience
- Vilter compressor authorized service
- R-Stamp ASME pressure vessel repairs
- Valve service, replacement and repairs
- Ice Maker troubleshooting, maintenance, root cause analysis and repairs
- Chilling/refrigeration system audits and preventive maintenance programs
- Thermal imaging services for predictive maintenance - electrical and mechanical
- RETA certified technicians
- Support staff of industry leading engineers
- Common spare parts inventory on service vans



Morris Refrigeration Service and Maintenance

Morris service prolongs machine life and reduces operational cost as well as equipment failure. We offer our customers a full range of technical support services to help maintain all refrigeration related processes.



Contact our
Service Department for
more information:

919-582-9200



MORRIS
803 Morris Drive
Garner, NC 27529
P: 919.582.9200
F: 919.582.9100

Useful Information	Temp (°F)	Ammonia Vacuum (psig)
1 ton = 12,000 BTU/hr	-40	8.7
1 gal. water = 8.33 lbs	-30	1.6
1 Watt = 3.42 BTU/hr	-28	0.0
1 hp = 746 Watts	0	15.7
X hp x 0.7457 = Y kW	10	23.8
Ammonia is lighter than air.	20	33.5
1 ton of ice requires 280 gals. water to produce.	30	45.0
	40	58.6
Specific heat of chicken is 0.79 BTU/lb °F	50	74.5
	60	92.9
E = I x R	70	114.1
100 bhp motor @ \$0.06 kWh costs \$34k per year for energy	80	138.3
	90	165.9
	100	197.2

www.morris-associates.com