



## WHY BUY FROM HYDROTHRIFT?

HydroThrift Corporation has extensive experience with a broad range of industrial applications worldwide. Comprehensive and packaged solutions provide cooling for electric arc and induction furnaces, compressors, hydraulic systems, power supplies, welding systems, vacuum pumps, quenching applications, degreasers, and die casting applications. From concept to product, HydroThrift has the capability to successfully complete your project. From problem to solution, we guarantee the system will perform properly. Since 1973, we are the leader in engineered and packaged cooling systems.

### Leadership

#### **Experience**

HydroThrift has successfully engineered and manufactured cooling systems for over 37 years. We have successfully engineered and manufactured over 3000 new process cooling systems; consequently we know what works and more importantly what doesn't.

Engineered cooling (and heating) systems are our **core competency**, this is not a sideline we do to stay busy in the slow season, this is the area in which we are experts.

We lay out an economic, yet robust and reliable, unit that is user friendly for the operator and maintenance personnel.

### Technology and Innovation

#### **Engineering**

Our units are properly sized and selected; from the amount of heat to be removed (or added) to the non-overloading pump motor sizes.

The materials will be compatible for the service and with each other.

The components will be properly selected for the service and to function properly in their relationship to each other. The designs are engineered to eliminate and/or mitigate water hammer, surges, oscillations, sound, and vibrations.

The designs are engineered to maximize safe and reliable operation.

Maintenance requirements are designed to be minimal, economic, and easy.

### Value

#### **Economics**

HydroThrift is your "one stop shopping" packaged cooling / heating unit store. You need to place only **one** Purchase Order to **one** company. The unit comes ready to install, which reduces the installation time and as we all know, "time is money".

A HydroThrift unit will operate more efficiently and reliably; consequently requiring less "downtime". In short, the system **life cycle costs are reduced**.

The HydroThrift unit can typically ship faster than the customer could design, procure, fabricate, manufacture, test, install, and correct any problems with a unit "in-house". In summary: one vendor, one Purchase Order, and one company responsible for a system to satisfy your needs.

## **Quality**

HydroThrift's extensive experience has taught us which component is the right one for the rigors of the service. We are certified to / meet the intent of / or exceed specifications and criteria for: UL / ETL, NEC, AWS (American Welding Society) ANSI, some ASME specs, portions of API, MTI and ASHRAE. When you purchase a unit from HydroThrift: the components are tested, the assemblies are tested, and the entire system can be tested, documented and certified. Any and all "bugs" are worked out prior to leaving our shop, not at the customer's site where it is costly and time consuming.

## **Support and Service**

### **Warranty**

HydroThrift stands behind our units. You receive a package warranty; you will not need to plead with several different vendors for a list of problems that they never get back to you about or satisfy your requirements. One system, one Purchase Order, and only one call to place should you have any issues. The sole responsibility for the unit lies with HydroThrift. In the event of any problems; we offer service, engineering advice, and parts.

**Why buy a system from HydroThrift ?  
Because we guarantee it will work.**

As a standard we feature:

- **Gould's pumps as standard, with non-overloading drive motors**
- **ETL electrical panels in NEMA 4 and 12 configurations**
- **Class 1 Div2 electrical assemblies available**
- **Allen-Bradley motor starters/protectors**
- **Standard Tanks are designed to ASME pressure vessel code and stamped**
- **ANSI piping materials are used and we follow ASME intent in assembly**
- **Full NEC compliance**
- **High quality industrial grade glycols**