

# Air Control Specialties, Inc.



Rental Systems Division

## Rental Systems Catalog



**Generators - HVAC - Entertainment - Emergency**

# Overview

## Overview

Air Control Specialties understands the importance of having continuous and dependable power and HVAC equipment. Occasionally, emergency situations, planned maintenance, special events, or temporary additional capacity is needed. Air Control Specialties has now added these support services to our list of capabilities. In addition to the quality service and installation we have built our reputation on, you can now rely us on for temporary power and HVAC needs.

## Rental Capabilities

Air Control Specialties is powered by Trane® to meet any demand. With over 30 locations in North America supplying more than 80,000 tons of cooling and 120 megawatts of temporary power equipment, there is no application too big or too small. Our large modern fleet includes small AC units, package units, chillers, cooling towers, generators, oil-free air compressors, and all the support and auxiliary equipment used to run them.

## Advanced Technology

Using Trane® equipment gives us the upper hand over other rental companies. We have the latest equipment which is continuously maintained and serviced by Trane® that ensures Air Control Specialties customers reliability and confidence. Remote monitoring is equipped on generator sets and modern controls come standard on all equipment. Often our equipment is compatible to existing building automation systems.

## Modified Equipment

All portable equipment Air Control Specialties offers has been modified and fabricated to have fast and easy transportation and set-up times. Different features can include lifting frames and rigging hooks for forklifts or overhead cranes. Water source equipment features fast and easy hose connections. All equipment works in conjunction with generator power supply or jobsite power supply depending on the customer's needs.

## Added Value

Air Control Specialties has designed this service to be convenient and affordable. Discounts will be given with scheduled service or installation work that is scheduled with ACS. We will continue our low pricing and special discounts to our customers to make temporary power and HVAC service a possibility.



# Small A/C Units



## Small AC Units

Hot, grueling temperatures can cause heat-sensitive computer servers and other office systems to fail, crippling daily operations. Office spaces and classrooms experiencing extreme heat can also become inoperable. With common small, more compact servers and computer systems, air conditioning equipment shut downs become more likely to occur as added stress to the existing server room system begins to overwhelm it. These small and compact AC units provide supplemental and immediate emergency backup cooling to provide supplemental and immediate emergency back-up cooling to protect critical equipment during a heat related crisis.

Portable AC units can do more than just cool, they can also dry damp-humid areas and protect equipment and spaces from high humidity. As a result from dehumidifying, these units will also protect the area from water related odors and mold. These units can drastically speed up the drying process and keep everything dry and climate controlled.

### Available Sizes:

- 1 ton
- 1.5 ton
- 2 ton
- 3 ton
- 5 ton

### Applications:

- Server Rooms
- Telecom
- Office Spaces
- Classrooms
- Small Spaces
- Dehumidifying

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# Air Conditioning Units



## **Air Conditioning Units:**

Our customer's receive state of the art air conditioning units that provide quiet and efficient temperature control. These units feature both heating and cooling capabilities and are also equipped with Variable Frequency Drives (VFD) to maintain efficient and smooth operation. (Available on 35 ton and 50 ton units). For added energy efficiency our packaged units are equipped with an economizer and remote zone sensors for accurate sensing for any critical environment. To make set up time fast and east all units are installed with overhead lifting frames used with fork lifts and cranes.

### **Available Sizes:**

- 25 ton
- 35 ton
- 50 ton

### **Applications:**

- Party Tents
- Warehouses
- In place of existing Air Conditioning Units
- Add capacity to existing equipment

# Air Handlers



## Air Handlers

For large projects our custom engineered air handling units can offer the right solution. They are outdoor rated and sized for 100% outside air. They operate from chilled water and/or hot water and have high static pressure capabilities. Additionally these units are equipped with upgraded controls and a Variable Frequency Drive (VFD) for fine tuning and outstanding performance. Most importantly, these units have various filter rack capabilities for up to 95% efficient filters.

### Available Sizes:

- 5,000 CFM
- 10,000 CFM
- 25,000 CFM

### Applications:

- Medical
- Warehouses
- Large Spaces
- Emergency Back-Up
- Planned Outages

# Air-Cooled Chillers



## Air-Cooled Chillers

Our fleet of air-cooled chillers is the most commonly used piece of equipment in the industry. Using state of the art chillers from Trane®, we are able to offer a varied fleet that will meet almost any temporary demand. We have the largest capacity in the industry going from 10 tons to 500 tons. These units are ideal when speed, ease of installation, and reliability are your primary concerns. All of our chillers are versatile enough to be shipped to any jobsite on truck trailers or to removed off the trailer once it has arrived at its destination.

### Available Sizes:

- 10 to 500 tons
- 480 volt Cam type Connections
- On Board Pumps on Most Models
- Leaving Water Temperature Range of 0-60 Degrees

### Applications:

- Office Buildings
- Industrial Process Cooling
- Healthcare Facilities
- Emergency Back Up
- Planned Outages
- Remote Service Areas

# Water-Cooled Chillers



## Water-Cooled Chillers

Our fleet of water-cooled chillers is what separates us from other rental companies. We have taken the standard Trane® water-cooled chiller and modified it for fast and easy rental applications. Whether it is providing backup for a large office building, hospital, or industrial site adding capacity to any system has never been easier or more efficient. Our nationwide fleet of water-cooled chillers has a small footprint, is energy efficient, and can adapt to almost any buildings existing HVAC system. All units have onboard controls, fast hose connections, and can create thousands of tons of air conditioning in one single unit.

### Available Sizes:

- 225 ton
- 350 ton
- 500 ton
- 750 ton
- 900 ton
- 1,000 ton

### Applications:

- Office Buildings
- Hospitals
- Industrial Manufacturing
- High Rise Buildings
- Emergency Back-Up
- Planned Outages

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# Cooling Towers



## Cooling Towers

Cooling Towers can be rented as standalone units or paired with one of our water-cooled chillers. These units are ideal for planned outages, extra support equipment, or for planned maintenance in a facility. All of our cooling towers are trailer mounted and can be removed from the trailer depending on the jobsite and application. Our cooling towers feature easy hose connections for rapid deployment and also feature generator connections for easy start up.

### Available Sizes:

- 250 ton
- 270 ton
- 500 ton
- 750 ton

### Applications:

- Paired with water-cooled chillers
- Industrial Process Cooling
- Standalone for Planned Building Maintenance
- Healthcare
- Office Buildings

# Auxiliary Equipment

## Auxiliary Equipment

Air Control Specialties has made every effort to make the rental process simple and fast. When you rent from us not only do you get just a piece of equipment, but you get all the accessories and auxiliary equipment needed to make it work. We carry all the pumps, hoses, piping, flex duct, trailers, electrical cables, and electrical transformers needed to make our equipment turnkey and ready to work as soon as you need it.

## Available Equipment:

- Pumps
- Transformers
- Power Distribution
- Chilled Water Hoses
- Electrical Cable
- Flex Duct
- Trailers
- Plate Heat Exchangers
- Circuit Breaker Panels



# Tent Units



## Tent Units

Our tent units have been specially designed to meet the special needs associated with heating and cooling a tent. The unique design allows direct integration into the tent wall for a low profile appearance and still have the ability to be ducted if need be. As with all of our equipment, the tent units have been modified to be rental ready and have Cam-type connections and an upright orientation ideal for tent setup. These units come on a 4-way forklift skid for easy maneuverability and set up.

### Available Sizes:

- 10 ton
- 20 ton

### Applications:

- Party Tents
- Special Events
- Tight Spaces
- Entertainment Industry

# Air Driers Air Compressors



## Oil Free Air Compressors & Air Driers

We understand the demands placed on productivity and uptime of support equipment. Our oil free air compressors and air driers can be placed in support of almost any existing system in a facility or be added on for extra capacity. They are suitable for both indoor and outdoor applications making any location possible. All of our equipment is mounted on forklift skids and are equipped with rigging hooks.

### Applications:

- Manufacturing
- Food / Beverage
- Artificial Snow
- Automotive
- Chemical
- Pharmaceutical
- Utility
- Critical Environments

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# Generators



## Generators

Since all of our equipment needs power to operate we offer a full line of diesel generators to power any event or jobsite. Our generators can be rented with our cooling equipment or just rented on their own to power anything you have. All our generators are newer and have been fully serviced before each rent. Our fleet of generators also offers remote monitoring and GPS so remote and critical applications are easy and have little down time. Each generator is mounted on a dedicated trailer with onboard fuel storage. Our generators are quiet, fuel efficient and available at most of the depots across the nation. With well over 20,000 kW of combined power we can meet any demand a customer can give us!

### Available Sizes:

-36 kW	-365 kW
-55 kW	-450 kW
-60 kW	-500 kW
-96 kW	-530 kW
-100 kW	-730 kW
-125 kW	-750 kW
-139 kW	-900 kW
-165 kW	-1,125 kW
-180 kW	-1,450 kW

### Applications:

- Entertainment Industry
- Emergency Power
- Standby
- Planned Outages
- Special Events
- Industrial
- Natural Disasters

# Heaters



## Heaters

The need for temporary heating can hit you at the most inconvenient times. ACS rental services can help you make it easy, fast, and affordable. We have many different heating options to meet any situation like large warehouses, jobsites, special events/entertainment, or emergency/natural disaster scenarios. We offer electric and natural gas fired heaters and all units are designed to be portable and have rigging capabilities. Our units also feature Cam type power connections, adjustable thermostats, high temperature ductwork, and some models on high grade casters for easy and fast setup times.

### Available Sizes:

- 50 kW (170,000 Btu - Electric)
- 150 kW (512,000 Btu Electric)
- 500,000 Btu (Natural Gas)
- Air Handlers, Package Units, & Tent Units all Feature Heat.

### Applications:

- Warehouses
- Party Tents
- Special Events
- Emergency
- Natural Disasters

# Specification Sheets

**Air Control Specialties, Inc.**

## 100F2 Unit Features



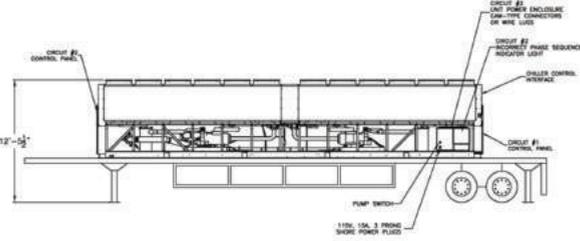
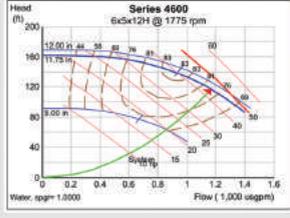
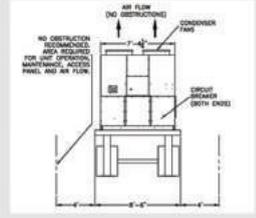
<p><b>Controls</b></p> <ul style="list-style-type: none"> <li>Analog</li> </ul> <p><b>Trailer</b></p> <ul style="list-style-type: none"> <li>3-inch Pintle Tow Hitch</li> </ul> <p><b>Shore Power</b></p> <ul style="list-style-type: none"> <li>2 x 120 V (NEMA 5-15P) Battery Charger and Block Heater</li> </ul> <p><b>Convenience Outlets</b></p> <ul style="list-style-type: none"> <li>2 x 120 V Duplex (NEMA 5-20R)</li> <li>3 x 240/120 V 50 A Twistlock (CS63669)</li> </ul> <p><b>Standard Operating Voltages</b></p> <ul style="list-style-type: none"> <li>208 V - 3 Phase (300 A)</li> <li>240 V - 3 Phase (300 A)</li> <li>480 V - 3 Phase (150 A)</li> </ul>	<p><b>Additional Specifications</b></p> <ul style="list-style-type: none"> <li>0.5% voltage regulation</li> <li>Brushless alternator</li> <li>60 Hertz frequency/1,800 rpm</li> <li>Industrial grade Tier 3 Huzhu engine</li> <li>Fuel/Water separator</li> <li>Electronic governor</li> <li>Fuel, oil, coolant alarms</li> <li>Illuminated instrumentation panel</li> <li>Integral circuit breaker for main power connection</li> <li>Circuit breakers for single phase connections</li> <li>Sound attenuated enclosure</li> <li>Pad lockable doors</li> <li>Top Lifting Points</li> <li>Removable from trailer</li> <li>Battery disconnect switch</li> <li>Remote start capable</li> <li>DOT highway approved trailer             <ul style="list-style-type: none"> <li>Leveling Jack</li> <li>Running Lights</li> <li>Electric Brakes</li> <li>Double Wall Steel Fuel Tank</li> </ul> </li> </ul>
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**Air Control Specialties, Inc. / RTAC Chillers**

## 400-ton Air-Cooled

General - CSCA0400F0

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## Specification Sheets and Engineering Data

We work with on-site facility engineers, event planners, and coordinators so having all the facts are key to a successful rental experience. All of our chillers, air conditioning units, generators, pumps, and everything we carry have extensive specification sheets available to our customers. Upon each equipment rental and contingency plan we can present our customers with technical data, operation manuals, performance data, or physical dimension drawings to make sure our customers get the perfect piece of equipment every time.



**24/7 Emergency  
Service**

# **Air Control Specialties, Inc.**



**Rental Systems Division**

**Over 30 Locations in North America!**

**(909) 947-0535**



Powered By:



**TRANE®**  
Rental Network

**Generators - HVAC - Entertainment - Emergency**

All equipment and accessories listed are subject to availability, and catalog is subject to change without notice.

**RNS-1605-1**