DTAC STORY

Since 1977, the DTAC commitment to the customer, a quality product and specialized service, has helped us grow into a reputable manufacturer of heat/cool systems for heavy equipment.

Today, DTAC's support extends beyond quality products, reliable service and delivery. We also understand the demands placed on our customers and the commitment they need in order to stay competitive.

Located in Midlothian, Texas, DTAC has a strong history in heavy truck, specialty vehicles and off-road air conditioning.

DTAC began as an air conditioning installation and service facility in 1977, located in Dallas, Texas. We were suppliers of air conditioners and heaters for the heavy truck industry and distributors for virtually all the major manufacturers.

In the mid 1980's, DTAC was one of the first to supply air conditioning to the Timberline Industry. During this time, DTAC began "Revolutionizing the Heavy Equipment A/C Industry."

By 1994, DTAC started designing and manufacturing heat/cool systems to control the quality our customers demanded. Five years later, further expansion and the purchase of the sheet metal fabrication facility allowed for continued control, quality and the increased ability for development.

In 2000, DTAC made the strategic decision to shift from an aftermarket only supplier to selling direct to O.E.M. and cab manufacturers. This transition marked the beginning of rapid growth for DTAC in both sales and market share that still continues today.

In 2010, DTAC celebrated another significant milestone when it established its first international distributor in India. DTAC's reputation continues to grow in the international market as our products are integrated into O.E.M. machines and shipped worldwide.

We currently manufacture over 100 different models of heat/cool systems for the off-road, heavy truck and heavy equipment industry.

Our most important characteristic however is our faith-based commitment. Our founder, Wayne Davis, dedicated DTAC to the Lord Jesus Christ with Proverbs 3:5-6 being the cornerstone of our business, 'Trust in the Lord with all your heart and lean not on your own understanding; in all your ways acknowledge Him, and He will make your paths straight'. We are especially proud of our heritage and our devotion to Christ and His greater glory has remained the heart of DTAC.

DTAC's Philosophy:
- Quality products with service in mind
- Products built to last in a heavy equipment environment
- Constant improvement of our systems
- Listening to our customers
- Taking pride in solving problems
- Accuracy and delivery of products on time
The 141 Series multi-mount evaporator provides outstanding performance in a compact size. The mounting feet can be attached to the bottom or top of the unit, providing flexible mounting options from under-dash, floor, or ceiling mount. Features include three adjustable louvers, rotary thermostat, and a three-speed blower motor. Originally designed for smaller cabs, the performance, compact size, and versatile mounting make the 141 Series ideal for many applications.

### 141 Series
A Blast of Cold Air from a Compact Universal Unit

<table>
<thead>
<tr>
<th>CAD</th>
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<tbody>
<tr>
<td>12½ in</td>
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<tr>
<td>17½ in</td>
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<tr>
<td>19½ in</td>
</tr>
</tbody>
</table>

### BTU's
20,000 Cool

### Air Flow
295 CFM

### Thermostat
Adjustable

### Unit Controls
3 Speed fan switch and Rotary thermostat on unit

### Motor
Single - 3 Speed
12V - 13 AMPS @ 13.5 VDC
24V - 8 AMPS @ 27 VDC
### 300 Series
- **Best Selling Cool Only Headliner**
- **BTU's:** 20,200 Cool
- **Air Flow:** 295 CFM
- **Thermostat:** Adjustable
- **Unit Controls:** 3 Speed fan switch and Rotary thermostat on unit
- **Motor:** Single - 3 Speed 12V - 13 AMPs @ 13.5 VDC
  - 24V - 8 AMPs @ 27 VDC

### 301 Series
- **Most Popular Heat/Cool Headliner**
- **BTU's:** 20,200 Cool and 16,600 Heat
- **Air Flow:** 295 CFM
- **Thermostat:** Adjustable
- **Unit Controls:** 3 Speed fan switch, Rotary thermostat and Heat/Cool Toggle Switch on unit
- **Motor:** Single - 3 Speed 12V - 13 AMPs @ 13.5 VDC
  - 24V - 8 AMPs @ 27 VDC

### 305 Series
- **Compact Cool Only Headliner**
- **BTU's:** 18,500 Cool
- **Air Flow:** 295 CFM
- **Thermostat:** Adjustable
- **Unit Controls:** 3 Speed fan switch and Rotary thermostat on unit
- **Motor:** Single - 3 Speed 12V - 13 AMPs @ 13.5 VDC
  - 24V - 8 AMPs @ 27 VDC

### 310 Series
- **Largest Capacity in The 300 Series Line**
- **BTU's:** 36,000 Cool
- **Air Flow:** 405 CFM
- **Thermostat:** Adjustable
- **Unit Controls:** 3 Speed fan switch and Rotary thermostat on unit
- **Motor:** Single - 3 Speed 12V - 22.5 AMPs @ 13.6 VDC
  - 24V - 15 AMPs @ 26.8 VDC

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The 300 Series are extremely popular because of their size, performance and ease of maintenance. Designed for small to medium-sized cab applications, the 300 Series units are so effective because they cool the operator's head and upper torso. Models range from our most compact headliner, the 305, to the largest of the 300 Series, the 310, which includes one of our highest capacity coolers.
**400 and 430 Series Floor Mount Evaporators**

**CAD**

- **402 Series**
  - Most Popular Rack/Stacker Heat/Cool Unit
- **403 Series**
  - Heat/Cool Unit with Closeable Louvers
- **430 Series**
  - Most Popular Heat/Cool Floor Mounted Unit
- **431 Series**
  - Ideal Heat/Cool Unit when Duct Hose is not Required

**BTU's**
- 26,000 Cool and 26,000 Heat

**Air Flow**
- 405 CFM

**Air Outlet**
- 2.5in Round Duct Hose

**Thermostat**
- 2.5in Round Closeable Louver

**Unit Controls**
- 3 Speed fan switch and Heat/Cool Toggle Switch on Remote Harness

**Motor**
- Single - 3 Speed
  - 12V - 22.5 AMPS @ 13.6 VDC
  - 24V - 15 AMPS @ 27 VDC

**Auxiliary Louver Assemblies**

Compatible with our 402 & 430 Series, or any 2.5 inch duct hose, our auxiliary louver assemblies are a simple solution for routing air exactly where you need it.

- **410-AL1/410-AL4**
  - Universal air plenum assembly compatible with any of our units fitted with 2.5in duct hose outlets.
  - 410-AL1 Includes 1 louver set and 3 feet of 2.5 in duct hose.
  - 410-AL4 Includes a louver set and 3 feet of 2.5 in duct hose.

**02-50172**
- This louver is great when space is limited. Includes 3in round closeable louver and accepts 2.5in duct hose.

**02-18609**
- This universal air plenum assembly is ideal for thin mounting to the deck.
500 and 800 Series Wall Mount Evaporators

Our 500 and 800 Series offer premium performance in a design that is easily installed and serviced. Removing the front cover provides access to all internal components for maintenance. The 500 Series is designed for road trucks to mount between the seats. A favorite in armored vehicles and larger cabs, the 800 Series provides the performance necessary to keep you comfortable in the most demanding conditions and offers an available side mounted adjustable water valve.

<table>
<thead>
<tr>
<th>500 Series</th>
<th>502 Series</th>
<th>800 Series</th>
<th>822 Series</th>
<th>823 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Selling Cool Only Unit for On-Road Trucks</td>
<td>Cool Only Unit Great for Smaller Cabs</td>
<td>Top Selling Heat/Cool Wall Mount for Larger Cabs</td>
<td>Heat/Cool Units with Left or Right Side Mounted Adjustable Water Valves</td>
<td></td>
</tr>
<tr>
<td>BTU’s 20,500 Cool</td>
<td>18,000 Cool</td>
<td>26,000 Cool &amp; 26,000 Heat</td>
<td>26,000 Cool &amp; 26,000 Heat</td>
<td>26,000 Cool &amp; 30,000 Heat</td>
</tr>
<tr>
<td>Air Flow 302 CFM</td>
<td>302 CFM</td>
<td>405 CFM</td>
<td>405 CFM</td>
<td>Adjustable</td>
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<tr>
<td>Thermostat Adjustable</td>
<td>Adjustable</td>
<td>Adjustable</td>
<td>Adjustable</td>
<td>Adjustable</td>
</tr>
<tr>
<td>Unit Controls 3 Speed fan switch and Rotary thermostat on unit</td>
<td>3 Speed fan switch and Rotary thermostat on unit</td>
<td>3 Speed fan switch, Rotary thermostat and heat/cool toggle switch on unit</td>
<td>3 Speed fan switch, Rotary thermostat, adjustable water valve and heat/cool toggle switch on unit</td>
<td></td>
</tr>
<tr>
<td>Motor Single - 3 Speed</td>
<td>Single - 3 Speed</td>
<td>Single - 3 Speed</td>
<td>Single - 3 Speed</td>
<td>Single - 3 Speed</td>
</tr>
<tr>
<td>12V - 16 AMPS @ 13.5 VDC</td>
<td>12V - 13 AMPS @ 13.5 VDC</td>
<td>12V - 22.5 AMPS @ 13.6 VDC</td>
<td>12V - 22.5 AMPS @ 13.6 VDC</td>
<td>12V - 15 AMPS @ 27 VDC</td>
</tr>
<tr>
<td>24V - 7.5 AMPS @ 26.8 VDC</td>
<td>24V - 8 AMPS @ 26.8 VDC</td>
<td>24V - 15 AMPS @ 27 VDC</td>
<td>24V - 15 AMPS @ 27 VDC</td>
<td>24V - 15 AMPS @ 27 VDC</td>
</tr>
</tbody>
</table>
# 700 Series Rooftop Unit

Our
diesel
type
turbo
driven
turbo
turbo
turbo

- Our
diesel
- Our
diesel
- Our
diesel

- provide the performance
- and reliability you demand in
- offshore applications. Rooftop systems provide a
- simple and efficient design by integrating the evaporator and
- condenser into a single compact package. Manufactured from heavy
- gauge steel and available with heat and pressure, our 700 Series
- are rugged enough to meet all your rooftop needs.

## Specifications

### 701 Series
- **Cool Only**

<table>
<thead>
<tr>
<th>CAD</th>
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<tbody>
<tr>
<td><img src="image" alt="CAD Diagram" /></td>
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<table>
<thead>
<tr>
<th>BTU's</th>
<th>23,500 Cool</th>
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<tbody>
<tr>
<td>Air Flow</td>
<td>345 CFM</td>
</tr>
<tr>
<td>Thermostat</td>
<td>Adjustable</td>
</tr>
<tr>
<td>Unit Controls</td>
<td>3 Speed fan switch and Rotary thermostat on unit</td>
</tr>
<tr>
<td>Motor</td>
<td>12V - 37 AMPS @ 13.5 VDC</td>
</tr>
<tr>
<td></td>
<td>24V - 14 AMPS @ 26.8 VDC</td>
</tr>
</tbody>
</table>

### 702 Series
- **Heat/Cool**

<table>
<thead>
<tr>
<th>CAD</th>
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<tr>
<td><img src="image" alt="CAD Diagram" /></td>
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</table>

<table>
<thead>
<tr>
<th>BTU's</th>
<th>23,500 Cool and 15,500 Heat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Flow</td>
<td>345 CFM</td>
</tr>
<tr>
<td>Thermostat</td>
<td>Preset</td>
</tr>
<tr>
<td>Unit Controls</td>
<td>3 Speed fan switch, adjustable water valve and Heat/Cool Toggle Switch on unit</td>
</tr>
<tr>
<td>Motor</td>
<td>12V - 37 AMPS @ 13.5 VDC</td>
</tr>
<tr>
<td></td>
<td>24V - 14 AMPS @ 26.8 VDC</td>
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</table>
807 SERIES
EXTERNAL MOUNT
EVAPORATOR

Originally designed for the mining industry, our 807 combines a high capacity evaporator and heater coil with the largest blower assembly available from our system. Externally mounted, the 807 frees up valuable space inside that would be used by a traditional A/C system. Complete with bolt-on pressurizer and Donaldson external filter.

36,000 Cool and 30,000 Heat

Air Flow: 655 CFM

Thermostat: Preset

Unit Controls: 3 Speed fan switch and heat/cool toggle switch on remote harness. Adjustable water valve included for remote installation.

Motor: Single - 3 Speed
12V - Not Available
24V - 15 AMPS @ 26.8 VDC
34000 Series Remote Powered Condensers

- **07-34002 Series**: Our best selling low profile powered condenser
- **07-34002-HP Series**: With upgraded high performance motor
- **07-34006 Series**: Newest addition capable of handling our largest evaporators
- **07-34008 Series**: Low-profile condenser with 14” fan
- **07-34010 Series**: Our lowest-profile condenser with 11” fan

**CAD Images**

**BTU’s**
- 35,000 Cool
- 35,000 Cool
- 40,000 Cool
- 35,000 Cool
- 25,000 Cool

**Air Flow**
- 1050 CFM
- 1500 CFM
- Dual 1500 CFM fans
- 790 CFM
- 690 CFM

**Motor**
- 14”
- 12V - 10.5 AMPS @ 13.6 VDC
- 24V - 5.3 AMPS @ 28.6 VDC
- 12”
- 12V - 25 AMPS @ 13.6 VDC
- 24V - Not available
- Dual 12”
- 12V - 50 AMPS @ 13.6 VDC
- 24V - Not available
- 14”
- 12V - 8.7 AMPS @ 13.6 VDC
- 24V - 5.3 AMPS @ 26.6 VDC
- 11”
- 12V - 8.2 AMPS @ 13.6 VDC
- 24V - 5 AMPS @ 26.6 VDC

The 34000 Series packs high performance in a lightweight low-profile package designed for light and medium duty applications. High capacity multi-flow condenser coils are protected by a sturdy steel case and cooled by high capacity, water resistant motors.
35002 Series
Remote Powered Condensers

The 35002 Series is compact and rugged with versatile mounting options. Its unique size and shape allow it to fit where other condensers cannot. The heavy gauge, fully enclosed steel housing guards the dual 9” motors and coil from damage, giving the 35002 Series unprecedented durability.

07-35002 Series
Compact and Versatile Mounting Options

BTU’s: 35,000 Cool
Air Flow: 975 CFM
Motor: Dual 9”
12V - 10.5 AMPS @ 13.6 VDC
24V - 5.3 AMPS @ 26.8 VDC

78000 Series
Remote Powered Condensers

The super high capacity 78000 Series is specifically engineered to meet the unique demands of light duty dual evaporator applications. The all aluminum housing creates a very lightweight yet extremely robust frame to support the extra-large condenser coil and 3 high performance fans. The internal drier simplifies base routing and you have the option of bob-on or thru body/skirt mount grille configurations.

07-78000 Series
Small Bob-On Grille for Typical Install

BTU’s: 55,000 - 78,000 Cool
Air Flow: 2300 CFM
Motor: Triple 11”
12V - 24 AMPS @ 13.6 VDC
24V - 12 AMPS @ 26.8 VDC

07-78001 Series
Large Thru Body Grille for Skirt Mount Install

CAD
# 36000 Series Remote Powered Condensers

Engineered to withstand the punishing environments of today's heavy equipment, the 36000 Series is the workhorse in the off-road industry. The 10" metal fan blades and sealed permanent magnet motor are built to last. Based on decades of use, the 36000 Series is the premier condenser for heavy equipment A/C systems.

## Specifications

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
<th>BTU's</th>
<th>Air Flow</th>
<th>Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>07-36001 Series</td>
<td>Classic Robust Design</td>
<td>33,000 Cool</td>
<td>740 CFM</td>
<td>Sealed motor with 10&quot; steel fan blade: 12V - 12.6 AMPs @ 13.6 VDC, 24V - 6.4 AMPs @ 26.8 VDC</td>
</tr>
<tr>
<td>07-36002 Series</td>
<td>Top Selling Condenser with Drier &amp; Floppy Switch Mounted Internally</td>
<td>33,000 Cool</td>
<td>740 CFM</td>
<td>Sealed motor with 10&quot; steel fan blade: 12V - 12.6 AMPs @ 13.6 VDC, 24V - 6.4 AMPs @ 26.8 VDC</td>
</tr>
<tr>
<td>07-36003 Series</td>
<td>The Ultimate in Performance when Coupled with One of our Large Capacity Evaporators</td>
<td>44,500 Cool</td>
<td>1440 CFM</td>
<td>Dual sealed motors with 10&quot; steel fan blades: 12V - 25.4 AMPs @ 13.6 VDC, 24V - 12.8 AMPs @ 26.8 VDC</td>
</tr>
</tbody>
</table>
When traditional belt driven compressors are not an option, customers turn to our 49200 Series. Engineered from decades of experience, our hydraulic driven compressor is renowned in the industry. The backbone of our system is the proprietary hydraulic manifold which provides a solid package that manages all aspects of flow control. Our system provides the dependable performance you demand in the heavy-duty industry.

**01-49200 Series**

**Hydraulic Driven Compressors**

**Compact and Versatile Mounting Options**

<table>
<thead>
<tr>
<th>Minimum GPM</th>
<th>5</th>
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<tbody>
<tr>
<td>Maximum GPM</td>
<td>40</td>
</tr>
<tr>
<td>Operating PSI</td>
<td>1300</td>
</tr>
<tr>
<td>Coil Volts</td>
<td>12V or 24V</td>
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</tbody>
</table>

**220 Series**

**Electric Driven Compressors**

**60 HZ Electric Model**

<table>
<thead>
<tr>
<th>HP</th>
<th>3</th>
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<tbody>
<tr>
<td>Volts</td>
<td>208-230/460</td>
</tr>
<tr>
<td>AMPS</td>
<td>8.3-8.2/4.1</td>
</tr>
<tr>
<td>HZ</td>
<td>60</td>
</tr>
<tr>
<td>Compressor Clutch Volts</td>
<td>12V or 24V</td>
</tr>
</tbody>
</table>

**220-SP Series**

**50 HZ Electric Model**

<table>
<thead>
<tr>
<th>HP</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volts</td>
<td>220/380/440</td>
</tr>
<tr>
<td>AMPS</td>
<td>7.8/4.3/9</td>
</tr>
<tr>
<td>HZ</td>
<td>50</td>
</tr>
<tr>
<td>Clutch Volts</td>
<td>24V</td>
</tr>
</tbody>
</table>

Simply designed and easy to install, our electric driven compressor is an excellent alternative for electrically operated machines or when an engine driven compressor is not available. Constructed of heavy gauge steel, our robust and durable design features a maintenance-friendly split housing, industrial-strength 3-phase A/C electric motor and ball driven Sodikin compressor. Configurable operating voltages and available in 50HZ or 60HZ ensures compatibility with systems worldwide.
# 210 Series Auxiliary Heaters

**210 Series**
- **Most Popular Auxiliary Heater**
- **BTU's:** 16,000 Heat
- **Air Flow:** 150 CFM
- **Unit Controls:** Rotary 2 Speed Switch
- **Motor:**
  - Two Speed
  - 12V - 6.6 AMPS @ 13.6 VDC
  - 24V - 3.3 AMPS @ 26.8 VDC

**211 Series**
- **Auxiliary Heater with Defrost**
- **BTU's:** 16,000 Heat
- **Air Flow:** 150 CFM
- **Unit Controls:** Rotary 2 Speed Switch
- **Motor:**
  - Two Speed
  - 12V - 6.6 AMPS @ 13.6 VDC
  - 24V - 3.3 AMPS @ 26.8 VDC

**215 Series**
- **High Output Duct Fan Auxiliary Heater**
- **BTU's:** 30,000 Heat
- **Air Flow:** 280 CFM
- **Unit Controls:** Toggle Switch ON-OFF
- **Motor:**
  - Single Speed
  - 12V - 13.2 AMPS @ 13.6 VDC
  - 24V - 6.6 AMPS @ 26.8 VDC

Our high output, compact heaters utilize simple designs for trouble-free operation. Versatile mounting options include fittings for thru firewall or thru floor installations, making them ideal for any auxiliary heater application. Options include single fan, dual fan or duct hose outlet for defrost applications.
Celebrating 34 years in business, DTAC is a highly regarded name in the O.E.M. market and currently manufactures more than 100 different models of heat/cool systems for the off-road, heavy truck and heavy equipment industries. Our success is built upon our commitment to the customer, a quality product and specialized service. We take pride in solving the heating and cooling needs of our customers by getting to know them and their unique requirements.

Using the latest in 3-D design software, and decades of experience, DTAC can precisely engineer an air conditioning system custom-tailored for your machine as well as your budget. Our diverse capabilities have served the industrial, forestry, mining, defense, agriculture and road truck industries for decades.

DTAC understands the demands placed on our customers and the commitment they need to stay competitive. Today, our support extends beyond quality products, reliable service and delivery. We offer a complete line of parts at competitive prices, due to direct purchasing power and long, friendly relationships with our vendors.

DTAC recognizes the opportunity for growth in the International Market. Our heat/cool systems are being integrated into O.E.M. machines and shipped overseas, where their performance and longevity are being widely accepted.

"DTAC is a vital partner to Taylor. With the design mindset like Taylor of rugged durability we are truly proud to be associated with DTAC. Keep those good products and support coming."
Robert Taylor - Vice President
Taylor Group, Inc.

"DTAC has been supplying us A/C-Heater units for approximately 10 years and is one of our best suppliers. Their customer service is excellent, their products are reliable and their pricing is competitive. I would be happy to recommend this company to anyone needing A/C systems for their applications."
Jim Campbell, III - Owner
Campbell International

"DTAC was more than happy to arrange training for our technicians. The instructor, Chuck Parks, welcomed questions from the class and took the time to answer each one. It was obvious he had many years of experience in the industry. The simulator he used was an excellent training tool - he could simulate almost any malfunction in our A/C system and show the effects and resulting gauge readings. I personally had many years experience with A/C systems, but still learned things from this class."
Jim Nelson - Manufacturing Engineer
Atlas Copco Drilling Solutions LLC
DTAC is one of the few manufacturers today that emphasizes training. These training seminars are a refresher course for the most experienced technicians. At the same time, these workshops give beginning technicians solutions and insight to confidently approach an air conditioning system.

"We installed 301 Series ceiling mount units in our client’s Euclid R130 Haul Trucks for an open mine pit here in Peru. These units have had perfect performance under extreme conditions of dust and vibrations. We are pleased with these units along with the easy installation and adaptation in any mining equipment."

Yakov Abshau – Representative
XPRO SAC Minemaps, Lima, Peru

"Go Green APU"
Absolute Armor, LLC

Rail King
MOBILE RAILCAR MOVER

Atlas Copco Drilling Solutions
And many more...