# Mini-Plus Ceiling System

## 2.5, 3, 4, and 5 ton

## R-407c


DATA AIRE INC.

ISO 9001 Certified

DATA AIRE'S *Mini-Plus Ceiling System*™ is designed for environments where floor space is limited. Engineered for ducted above ceiling applications, the *Mini-Plus* is available in a wide range of system configurations and types; air cooled, water/glycol cooled, and chilled water. Split or packaged. *Mini-Plus Ceiling Systems* function with complete independence from other building air conditioning and ventilation systems.

**High Performance, Low Cost**

The *Mini-Plus Ceiling System* is engineered and built by Data Aire, the pioneer in precision cooling equipment. The *Mini-Plus* offers unparalleled quality at competitive prices. Every *Mini-Plus* system comes with Data Aire's commitment to excellence which began with its first precision cooling machine and has been tested and proven for more than thirty years.

**Data Aire Delivers**

*Mini-Plus Ceiling Systems* are not standard units shipped from stock. Each unit is built to specific needs and requirements. The standard ship cycle is ten working days from date of order. Optional premium orders can be expedited in one week. Call your local Data Aire sales representative for details.

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*CONTROL SYSTEM*

Standard units are shipped with Data Aire's wall mounted microprocessor *Mini dap4.*

*ELECTRICAL*

All electrical components including capacitors, relays, and control transformers are pre-wired. Each unit is provided with a microswitch to prevent condensate pan overflow. The microswitch will disable the unit prior to pan overflow should the drain line become plugged with debris.

*ELECTRIC REHEAT*

6 kW reheat is standard on 2.5 through 4 ton *Mini-Plus* units (5 ton *Mini-Plus* units have 6 kW reheat on single phase and 12 kW reheat on three phase). Electric reheat is accomplished with low watt, low density finned tube fabricated of stainless steel core sheath with plated fins to withstand moist conditions. Reheat is installed on the air discharge side of the cooling coil and provides ample capacity to maintain room dry bulb conditions during dehumidification. Low-watt density coils eliminate ionization associated with open air electric resistance heating.

*CABINET*

*Mini-Plus* indoor sections are constructed with tubular steel frames for strength and service access. Removable galvanized steel panels are lined with 1/2 inch thick closed cell insulation for quiet and efficient operation. An integral filter section with 2" filters is standard.

## AIR COOLED - PACKAGED SYSTEM

*Evaporator Section*

The evaporator section is a draw-through type with double width, double inlet blower with belt drive and variable pitch sheave. The self-aligning ball bearings are rated for a minimum life of 100,000 hours.

The evaporator coil is constructed of copper tubes and aluminum fins. The single stage refrigeration circuit includes an expansion valve with external equalization. A stainless steel drain pan is standard.

*Condensing Section*

The attached condensing unit contains a scroll compressor with crankcase heater, filter drier, sight glass, and condenser coil. The condenser coil is constructed with copper tubes and aluminum fins. The condenser blower is double inlet, double width with belt drive and variable pitch sheave.

Field supplied return and supply air ductwork is required for all *Mini-Plus* evaporator and condensing sections.

*(See drawing - 535-900-001)*

## AIR COOLED - SPLIT SYSTEM with INDOOR CONDENSING UNIT

*Evaporator Section*

The evaporator section is a draw-through type with double width, double inlet blower with belt drive and variable pitch sheave. The self-aligning ball bearings are rated for a minimum life of 100,000 hours.

The evaporator coil is constructed of copper tubes and aluminum fins. The expansion valve with external equalization is contained in the evaporator section. A stainless steel drain pan is standard.

*Condensing Section*

The condensing unit contains a scroll compressor with crankcase heater, filter drier, sight glass, and condenser coil. The condenser coil is constructed with copper tubes and aluminum fins. The condenser blower is double inlet, double width with belt drive and variable pitch sheave.

Field supplied return and supply air ductwork is required for all *Mini-Plus* evaporator and condensing sections.

Field piping and wiring is required between the indoor evaporator and condensing unit sections.
*(See drawing 535-900-002)*

## AIR COOLED - SPLIT SYSTEM with INDOOR CONDENSER

*Evaporator/Compressor Section*

The evaporator section is a draw through type with double width, double inlet blower with belt drive and variable pitch sheave. The self-aligning ball bearings are rated for a minimum life of 100,000 hours. The evaporator coil is constructed of copper tubes and aluminum fins. The expansion valve with external equalization is contained in the evaporator section. A stainless steel drain pan is standard.

The condensing section is contained in a "side car" and attached to the evaporator section. The condensing section includes a scroll compressor with crankcase heater, filter drier and sight glass.

*Condenser Section*

The condenser section includes a condenser coil and condenser blower. The condenser coil is constructed of copper tubes and aluminum fins. The blower is double inlet, double width with belt drive and variable pitch sheave.

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Field supplied return and supply air ductwork is required for all *Mini-Plus* evaporator and condenser sections.

Field piping and wiring is required between the indoor evaporator/compressor and the condenser section.

Single power source is provided at the evaporator section, for both sections, unless ordered with optional separate power sources.
*(See drawing - 535-900-008)*

## AIR COOLED - SPLIT SYSTEM with OUTDOOR CONDENSING UNIT

*Evaporator Section*

The evaporator section is a draw-through type with double width, double inlet blower with belt drive and variable pitch sheave. The self-aligning ball bearings are rated for a minimum life of 100,000 hours.

The evaporator coil is constructed of copper tubes and aluminum fins. The single stage refrigeration circuit includes an expansion valve with external equalization. A stainless steel drain pan is standard.

Field supplied return and supply air ductwork is required for all *Mini-Plus* evaporator section.

## AIR COOLED - SPLIT SYSTEM with OUTDOOR CONDENSING UNIT, *continued*

*Outdoor Condensing Section*

The condensing unit contains a scroll compressor with crankcase heater, filter drier, sight glass, and condenser coil. The condenser coil is constructed with copper tubes and aluminum fins. The galvanized steel housing and fan guard are powder coated for longer life. The energy efficient condenser fan is thermally protected. Air discharge is vertical. The condenser fan is variable speed for head pressure control to -20° F ambient conditions.

Field piping and wiring is required between the indoor evaporator section and the outdoor condensing unit.
*(See drawing - 535-900-005)*

## AIR COOLED - SPLIT SYSTEM with OUTDOOR CONDENSER

*Evaporator/Compressor Section*

The evaporator section is a draw through type with double width, double inlet blower with belt drive and variable pitch sheave. The self-aligning ball bearings are rated for a minimum life of 100,000 hours. The evaporator coil is constructed of copper tubes and aluminum fins. The expansion valve with external equalization is contained in the evaporator section. A stainless steel drain pan is standard. The compressor section is contained in a "side car" and attached to the evaporator section and includes a scroll compressor with crankcase heater, filter drier and sight glass.

Field supplied return and supply air ductwork is required for all *Mini-Plus* evaporator section.

*Outdoor Condenser Section*

The outdoor condenser includes a condenser coil, integral factory wired panel and condenser fan motor. The condenser coil is constructed of copper tubes and aluminum fins. The thermally protected fan motor is variable speed for head pressure control to -20° F ambient conditions. The galvanized steel housing is powder coated for longer life.

Field piping and wiring is required between the indoor evaporator/compressor and the condenser sections.

*(See drawing - 535-900-006)*

## WATER COOLED - PACKAGED SYSTEM

*Evaporator Section*

The evaporator section is a draw-through type with double width, double inlet blower with belt drive and variable pitch sheave. The self-aligning ball bearings are rated for a minimum life of 100,000 hours.

The evaporator coil is constructed of copper tubes and aluminum fins. The single stage refrigeration circuit includes an expansion valve with external equalization. A stainless steel drain pan is standard.

Field supplied return and supply air ductwork is required for all *Mini-Plus* evaporator sections.

*Compressor Section*

The attached compressor section includes a scroll compressor with crankcase heater, filter drier, sight glass, coaxial condenser and head pressure water regulating valve. Maximum water pressure is 150 psi.

A dry cooler (fluid cooler) or water cooling source is required on water cooled systems.

(*See drawing - 535-900-003)*

## WATER COOLED - SPLIT SYSTEMS

For applications with space restrictions water cooled systems may be ordered as split systems. The evaporator section and compressor sections (see Water Cooled - Packaged Systems) are shipped separately.

Field piping and wiring is required between the evaporator and compressor sections. Field supplied return and supply air ductwork is required for all *Mini-Plus* evaporator sections.

A dry cooler (fluid cooler) or water cooling source is required on water cooled systems.

Single power source is provided at the evaporator section, for both sections, unless ordered with optional separate power sources.

*(See drawing - 535-900-004)*

## CHILLED WATER SYSTEMS

*Blower Section/Coil Section*

The blower section contains a double width, double inlet blower with belt drive and a variable pitch sheave and blower motor. The self-aligning ball bearings are rated for a minimum life of 100,000 hours.

The chilled water coil and chilled water valve are housed in the blower section as well. The chilled water coil is constructed of copper tube and aluminum fins. Utilizing chilled water from an existing chilled water loop, water flow is controlled by a 2-way valve for accurate and economical temperature control and dehumidification. The drain pan is constructed from stainless steel.

Field supplied return and supply air ductwork is required for all *Mini-Plus* blower sections.

(*See drawing - 535-900-007)*

## SYSTEM CONTROL

Unit control is maintained with the microprocessor based *Mini dap™4*. The *Mini dap4* is an advanced controller with 50 MHz, 32 bit microprocessor and is comprised of three components, a wall mounted display module, a control module mounted inside the unit and a remote temperature and humidity sensor. The *Mini dap4* monitors the controlled environment's temperature, humidity, air flow, and cleanliness, but also provides alarm history and an automatic self-test of the microprocessor on system start-up. Multiple messages are displayed by automatically scrolling from each message to the next. All messages are presented in a clear vernacular format on the liquid crystal display (LCD). Multiple alarms are displayed sequentially in order of occurrence.

*OPERATION* - Holding down the "ESC" button for a minimum of five seconds activates the *Mini dap4*, push buttons allow menu selection for programming, operational information, diagnostics, and historical data. The two-level password feature prevents unauthorized access. Menu programmed information for basic system operation and alarm parameters is nonvolatile.

*PROGRAMMABLE FUNCTIONS* :

- Temperature Setpoint
- System Start Delay
- Humidity Deadband
- High Humidity Alarm Limit
- Define Password
- Audio Alarm Mode
- Humidity Anticipation
- Calibrate Temperature Sensor
- High Temperature Alarm Limit
- Firestat Temperature Alarm Limit
- No water flow alarm action*
- Calibrate Discharge Air Sensor*
- Compressor Lead/Lag Sequence*
- Power Problem or Restart Mode
- Reheat mode
- Humidifier
- Network Protocol
- Calibrate Chilled Water Temperature Sensor*
- Temperature Deadband
- Low Temperature Alarm Limit
- Humidity Setpoint
- Low Humidity Alarm Limit
- Reset Equipment Runtimes
- Compressor Short Cycle Alarm
- Compressors(s)
- Temperature Scale
- Water Valve Voltage Range*
- Manual Diagnosis
- Remote Alarm contacts
- Person to contact on Alarm
- Dehumidification Mode
- Scheduled Normal Maintenance
- Calibrate Humidity
- Compressor Assists to Energy Saver*
- Low Discharge Temperature Alarm Limit*

*DISPLAYED CONDITIONS, DATA, and FUNCTIONS:*

- Temperature setpoints
- Current temperature
- Cooling 1, 2 (as applicable)
- Humidification
- Humidity setpoint
- Current humidity
- Reheat
- Dehumidification

*ALARMS* - Alarm conditions are displayed and monitored on the microprocessor LCD along with an audible alarm. The alarm silence switch will quiet the audible alarm but the display will continue to indicate the alarm condition until it is corrected. The following alarms are displayed:

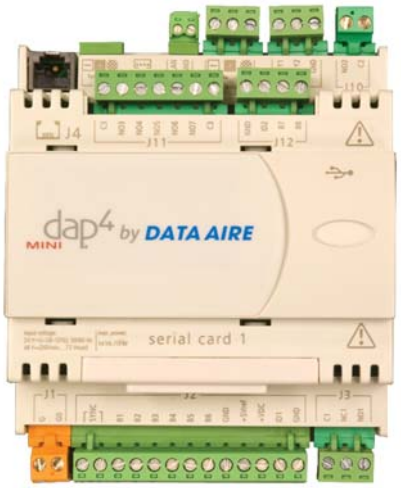
- High temperature warning
- Low temperature warning
- High pressure compressor
- Firestat tripped
- Compressor short cycle
- Temperature sensor error
- Humidity sensor error
- Maintenance required
- High humidity warning
- Low humidity warning
- High condensate water level
- No air flow
- Low voltage warning
- Power failure restart
- Local alarms
- Person to contact on alarm

* - Some of the programmable elections, displays or alarms may require additional components or sensors.

*HISTORICAL DATA*:

High/low temperature last 24 hours
High/low humidity last 24 hours
Blower, compressor 1, compressor 2*, reheat, dehumidification, Energy Saver*,
Equipment runtimes for:
Humidifier, and chilled water *
Low temperature last 24 hours
Alarm history (last 100 alarms)
High humidity last 24 hours

**Control Module**




**Temperature and Humidity Sensor**

**Display Module**


Button Functions

| | | | |
|---|---|---|---|
| Alarm | Allows viewing of active alarms<br>Silences audible alarms<br>Resets active alarms | ↑ | Allows scrolling to next screen<br>Allows values changes (increase) |
| Menu | Allows entry to Main Menu | ↵ | Allows entry to Menus<br>Advances cursor |
| Esc ⏻ | Return to previous screen<br>Hold five seconds to turn ON or OFF | ↓ | Returns to previous screen<br>Allows value changes (decrease) |

## OPTIONS

**ENERGY SAVER COIL** - Water/glycol units may be ordered with *Energy Saver* coil to provide total required capacity. Whenever the incoming water/glycol temperature is below 45° F/7.2° C, *Energy Saver* cooling is available and mechanical cooling stops. The *Energy Saver* will operate as long as there is a call for cooling. If the temperature goes beyond setpoint plus 2 degrees, the *Energy Saver* valve will close and mechanical (DX) cooling will begin.

Units with *Energy Saver* are provided with next size motor and 3-way, 2-position valve. Common piping for coil and condenser.

***NOTE:*** The cabinet height increases to 28.5".

**AUXILIARY CHILLED WATER COIL** - Air cooled or water/glycol units. When an existing chilled water loop is available, units can be fitted with an auxiliary chilled water coil. Units will operate using chilled water for cooling. Upon a loss of water flow or an increase in room temperature the system will bring on compressor (DX) cooling. Separate piping is provided for the chilled water coil.

Units with auxiliary chilled water coil are provided with next size motor and 3-way, 2 position valve. ***NOTE:*** The cabinet height increases to 28.5".

**STEAM GENERATOR HUMIDIFIER** - An electric steam generator humidifier with disposable cylinder and self-regulating auto flush is available. A five pound per hour humidifier may be added on all units (2.5 - 5 tons). A 10 pound per hour humidifier is also available on the 4 and 5 ton size units.

The 10 pound per hour humidifier can also be ordered with modulating control. Modulation feature allows the humidifier to match its output to the signal from the humidity control.

**HOT WATER REHEAT** - Where hot water is available, a water coil for reheat may be ordered. The coil is designed for 150 psi maximum water pressure and includes a 2-way valve. Units with hot water reheat do not include electric reheat.

**HOT GAS REHEAT** - The unit's hot gas discharge may be used for reheat and maximum system efficiency. Electric reheat is eliminated.

***NOTE:*** Hot gas reheat option is not available with all configurations (consult factory on unit availability) or Energy Saver option. The next size motor selection is recommended.

**DISCONNECT SWITCH** - A unit mounted disconnect switch with 1/4 turn latch may be added. The switch must be in the "OFF" position to remove panel and access electrical compartment.

**SEPARATE POWER SOURCE** - Indoor split systems may be ordered with separate power feeds. A power connection is provided for both the evaporator section and/or condenser/condensing unit.

**HOT GAS BYPASS** - A hot gas bypass valve is available for applications that create low suction pressure conditions that could lead to coil freeze and/or compressor cycling. In facilities such conditions generally exist in instances where; 1) a unit's dehumidification mode needs to run for extended period of time; or 2) a room is designed for low entering air conditions; or 3) a unit is utilizing an oversized condenser at low outdoor ambient conditions.

When the system suction pressure is high enough it will maintain pressure on the leaving side of the hot gas bypass valve to keep the valve port closed. Should the suction pressure decrease below the desired setting, the pressure from the suction line forces the diaphragm, which off-sets the spring pressure, allowing the spring to push the valve open. The opening of this valve allows some hot gas to mix with the refrigerant in the suction line raising the evaporator pressure. This increases the suction pressure in the system back to the desired setting. The hot gas bypass can be manually adjusted within a certain range to fine tune the unit to a desired suction pressure in the field.

**LOW AMBIENT CONTROL DAMPER** - Indoor air cooled packaged or split systems may be ordered with a low ambient control damper. A damper section with head pressure operator enables unit to operate down to -30° F/34.4° C. Damper section and control ships loose for field installation.

**UNIT MOUNTED RECEIVER** - Unit mounted receiver in compressor section with pressure control and liquid line solenoid valve. Receiver allows unit to operate down to -30° F/34.4° C.
***NOTE:*** Only available on units with remote outdoor condenser sections.

**REMOTE RECEIVER** - Insulated receiver with head pressure control valve. Liquid line solenoid valves are included.
***NOTE:*** Consult with factory on runs exceeding 50 feet.

**3-WAY WATER REGULATING VALVE**
A 3-way pressure control valve replaces the standard 2-way valve.

**3-WAY CHILLED WATER** - A 3-way chilled water valve replaces the standard 2-way valve.

**CONDENSATE PUMP** - Ships loose for field installation. Available in 115 or 230 volt. Power source is required. Pump has maximum of 8 feet head. Recommended installation is exterior to unit preferably a side mount. Option 210, side mounting kit, is available to facilitate this installation.

**CEILING MOUNTED RETURN AIR GRILLE** - A return air filter box with hinged grille and filter designed to fit in a dropped ceiling is available. Filters are easily removed and replaced through the hinged door. A duct connection is provided. **NOTE***:* Duct from filter box to unit is filed supplied.

**VERTICAL SUPPLY/RETURN AIR PLENUM** - Available for 2.5 and 3 ton evaporator section only. Consists of a supply and return air plenum that fits in a 2 x 4 foot ceiling grid. Eliminates requirement for duct in ceiling space.
**NOTE***:* Unit height is increased by 9.5 inches. The minimum ceiling requirement is 33.5 inches for units with vertical supply/return air grille option.

**EXTENDED COMPRESSOR WARRANTY** An additional four compressor warranty may be added to supplement standard eighteen month warranty.

## CONTROLS

### COOLING ONLY THERMOSTAT

When reheat is deleted from the unit you can use the cooling only thermostat in place of the *Mini-dap4* for temperature control.

### COOLING ONLY PROGRAMMABLE THERMOSTAT

This option is similar to the cooling only thermostat the but includes the ability for 5/2 day temperature programming. The easy to read full function LCD provides 12 or 24 hour clock display. (Only available when reheat is deleted from the *Mini-Plus Ceiling System.*)

### EXPANDED *dap4*

Can be used in a DX system that requires more than two (2) optional alarms or a chilled water system that requires more than three (3) optional alarms or when the job requires both modulating Nortec humidifier and modulating chilled water valve.

## SITE CONTROLS

### *DARA-4*

This highly functional and economical site controller permits control of up to four units providing unit rotation, flexible backup capabilities, and communication with BMS systems that accept a dry set of alarm contact.

*Mini-Plus Ceiling Systems* **2.5, 3, 4, and 5 ton**

*Mini dap4* microprocessor,
Belt drive motor with variable pitch sheave,
Stainless steel drain pan,
Electric reheat,
Unit mounted return air filter section,
Expansion valve with external equalizer,
Filter drier,
High pressure safety switch,
Low pressure safety switch,
Scroll compressor,
Crankcase heater,
Compressor anti-short cycle timer,
Micro-switch for condensate pan overflow,
2-way water regulating valve,
Plate-fin condenser,
2-way chilled water valve.

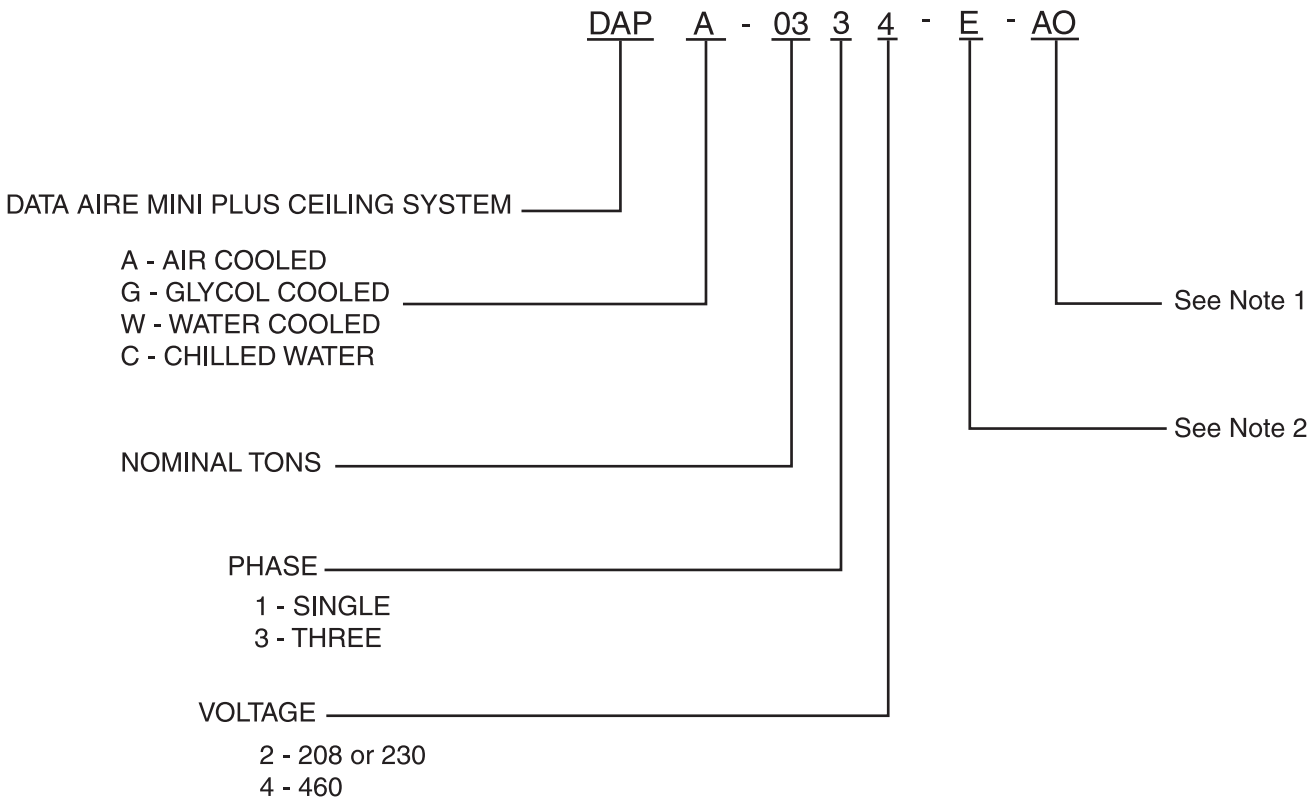
A micro-switch is mounted in the drain pan to prevent condensate overflow. The switch will close, shutting down unit.

All units are designed for ducted draw-through applications. An optional supply/return air plenum to fit in a 2 ft x 4 ft ceiling grid is available on 2.5 and 3 ton units.

*Mini-Plus Ceiling Systems* are available in the following:

Air cooled packaged for above ceiling.
Air cooled split - evaporator section and condensing unit for above ceiling.
Air cooled split - evaporator/compressor section and condenser section for above ceiling.
Air cooled split - evaporator/compressor section for above ceiling and remote outdoor condenser.
Air cooled split - evaporator section for above ceiling and remote outdoor condensing unit.
Water cooled packaged for above ceiling.
Water cooled split - evaporator section and condensing unit for above ceiling.
Chilled water.

## Model Number Identification




Note 1: The following letters will indicate the type of unit configuration

P - Packaged system

CI - Split system with indoor condenser (DAIC)

CO - Split system with remote outdoor condenser (DARC)

AI - Split system with indoor condensing unit (DAAC)

AO - Split system with remote outdoor condensing unit (DRCU)

WS - Split system with water cooled indoor condensing unit (DAWC)

Note 2: The following letters will designate optional cooling mode

C - Auxiliary chilled water coil

E - Energy saver coil

## Shipping Weights

| *Model* | Packaged Units | *Shipping Weight* |
|---|---|---|
| DAPA-2.5xx-P | | 700 |
| DAPA-03xx-P | | 700 |
| DAPA-04xx-P | | 910 |
| DAPA-05xx-P | | 910 |
| DAP*-2.5xx-P | | 640 |
| DAP*-03xx-P | | 640 |
| DAP*-04xx-P | | 800 |
| DAP*-05xx-P | | 800 |
| | Chilled Water Units | |
| DAPC-2.5 | | 415 |
| DAPC-03 | | 415 |
| DAPC-04 | | 540 |
| DAPC-05 | | 540 |

| *Model* | *Evaporator Weight* | *Heat Exchanger* |
|---|---|---|
| | Split System with Outdoor Condensing Section | |
| DAPA-2.5xx-AO | 365 | 375 |
| DAPA-03xx-AO | 365 | 375 |
| DAPA-04xx-AO | 540 | 400 |
| DAPA-05xx-AO | 540 | 400 |
| | Split System with Outdoor Condenser | |
| DAPA-2.5xx-CO | 590 | 230 |
| DAPA-03xx-CO | 590 | 230 |
| DAPA-04xx-CO | 750 | 335 |
| DAPA-05xx-CO | 750 | 335 |
| | Split System with Indoor Condensing Section | |
| DAPA-2.5xx-AI | 360 | 340 |
| DAPA-03xx-AI | 360 | 340 |
| DAPA-04xx-AI | 465 | 435 |
| DAPA-05xx-AI | 465 | 435 |
| | Split System with Indoor Condenser | |
| DAPA-2.5xx-CI | 590 | 275 |
| DAPA-03xx-CI | 590 | 275 |
| DAPA-04xx-CI | 750 | 335 |
| DAPA-05xx-CI | 750 | 335 |
| | Split System with Water Cooled Indoor Condensing Section | |
| DAP*-2.5xx-WS | 340 | 300 |
| DAP*-03xx-WS | 340 | 300 |
| DAP*-04xx-WS | 440 | 360 |
| DAP*-05xx-WS | 440 | 360 |

* Insert “W” - for water cooled or “G” - for glycol cooled.

## AIR COOLED: Performance data at STANDARD airflow

| *MODEL* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| **CAPACITY in Btu/hr** - *Gross* | | | | | |
| 80° DB/67° WB | Total | 31,200 | 36,700 | 53,000 | 62,200 |
| 50% RH | Sensible | 24,600 | 29,100 | 40,500 | 48,800 |
| 75° DB/62.5° WB | Total | 29,400 | 34,600 | 48,700 | 59,400 |
| 50% RH | Sensible | 24,400 | 28,900 | 39,800 | 48,800 |
| 75° DB/61° WB | Total | 28,600 | 33,700 | 47,300 | 57,800 |
| 45% RH | Sensible | 26,000 | 30,800 | 42,300 | 52,000 |
| 72° DB/60° WB | Total | 28,200 | 33,200 | 46,600 | 56,600 |
| 50% RH | Sensible | 23,700 | 28,000 | 38,600 | 47,200 |
| 72° DB/58.6° WB | Total | 27,200 | 32,100 | 45,100 | 55,200 |
| 45% RH | Sensible | 25,300 | 30,000 | 41,300 | 50,700 |
| **BLOWER SECTION** | | | | | |
| Airflow - CFM | | 1,000 | 1,200 | 1,600 | 2,000 |
| Standard motor - HP | | 1/2 | 3/4 | 1 | 1-1/2 |
| External static pressure E.S.P. - Inches of W.G. | | 0.5 | 0.5 | 0.5 | 0.5 |
| Number of fans/motors | | 1/1 | 1/1 | 1/1 | 1/1 |
| Maximum E.S.P. | (Standard evaporator motor) | 0.8 | 0.8 | 0.8 | 0.7 |
| Maximum E.S.P. | (Next size evaporator motor) | 1.2 | 1.2 | 1.1 | 1.0 |
| Next size evaporator motor - HP | | 3/4 | 1 | 1-1/2 | 2 |
| **CONDENSER SECTION** | *(Indoor Units Only)* | | | | |
| Airflow -CFM | | 1,200 | 1,700 | 2,200 | 2,600 |
| Standard motor - HP | | 3/4 | 1 | 1-1/2 | 2 |
| External static pressure (E.S.P. - Inches of W.G.) | | 0.5 | 0.5 | 0.5 | 0.5 |
| Maximum E.S.P. | (Standard condenser motor) | 0.8 | 0.8 | 0.8 | 0.7 |
| Maximum E.S.P. | (Next size condenser motor) | 1.2 | 1.2 | 1.1 | 1.2 |
| Next size condenser motor - HP | | 1 | 1-1/2 | 2 | N/A |
| **EVAPORATOR COIL** | | | | | |
| Face area - sq. ft. | | 3 | 3 | 5 | 5 |
| Rows of coil | | 4 | 4 | 4 | 4 |
| Face velocity - FPM | | 333 | 400 | 320 | 400 |
| **CONDENSER COIL** | *(Indoor units only)* | | | | |
| Face area - sq. ft. | | 2.9 | 2.9 | 4.4 | 4.4 |
| Rows of coil | | 6 | 6 | 6 | 6 |
| Face velocity - FPM | | 414 | 586 | 505 | 597 |

## AIR COOLED: Performance data at STANDARD airflow

| *MODEL* | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|
| **COMPRESSOR** | | | | |
| Type | Scroll | Scroll | Scroll | Scroll |
| Refrigerant type | R-407c | R-407c | R-407c | R-407c |
| **FILTER SECTION** | | | | |
| Quantity - Size (inches) | 1-20x25x2 | 1-20x25x2 | 1-16x20x2<br>1-20x20x2 | 1-16x20x2<br>1-20x20x2 |
| Efficiency - MERV<br>(Note: Efficiency based on ASHRAE Std. 52.2) | 8 | 8 | 8 | 8 |
| **REHEAT SECTION** | | | | |
| Type | Electric | Electric | Electric | Electric |
| kW (Single phase) | 6 | 6 | 6 | 6 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 20,500 |
| kW (Three phase) | 6 | 6 | 6 | 12 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 41,000 |
| **HUMIDIFIER SECTION** *(Optional Steam Generator)* | | | | |
| Capacity - lbs/hr | 5 | 5 | 5 | 5 |
| kW | 1.7 | 1.7 | 1.7 | 1.7 |
| Capacity - lbs/hr | N/A | N/A | 10 | 10 |
| kW | N/A | N/A | 3.4 | 3.4 |
| **CONNECTION SIZES** *(All units)* | | | | |
| Humidifier supply - O.D. Copper | 1/4 | 1/4 | 1/4 | 1/4 |
| Condensate drain - FPT | 3/4 | 3/4 | 3/4 | 3/4 |
| **CONNECTION SIZES** *(Split systems with condensing unit)* | | | | |
| Liquid line - O.D. Copper | 1/2 | 1/2 | 1/2 | 1/2 |
| Suction line - O.D. Copper | 3/4 | 3/4 | 3/4 | 3/4 |
| **CONNECTION SIZES** *(Split systems with condenser)* | | | | |
| Liquid line - O.D. Copper | 1/2 | 1/2 | 1/2 | 1/2 |
| Discharge line - O.D. Copper | 1/2 | 1/2 | 1/2 | 1/2 |

***NOTE:*** *The actual required field line sizes will not necessarily be the same as the above connection sizes.*

## AIR COOLED: Performance data at OPTIONAL airflow

| *MODEL* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| **CAPACITY in Btu/hr** - *Gross* | | | | | |
| 80° DB/67° WB | Total | 32,900 | 39,000 | 53,300 | 66,600 |
| 50% RH | Sensible | 28,300 | 33,500 | 45,500 | 56,400 |
| 75° DB/62.5° WB | Total | 30,200 | 35,800 | 50,500 | 61,200 |
| 50% RH | Sensible | 27,600 | 32,800 | 45,100 | 55,200 |
| 75° DB/61° WB | Total | 29,400 | 34,700 | 48,800 | 59,600 |
| 45% RH | Sensible | 29,300 | 34,500 | 48,200 | 59,100 |
| 72° DB/60° WB | Total | 29,200 | 34,200 | 48,200 | 58,700 |
| 50% RH | Sensible | 26,800 | 31,600 | 43,600 | 53,400 |
| 72° DB/58.6° WB | Total | 28,500 | 33,000 | 46,500 | 57,000 |
| 45% RH | Sensible | 28,300 | 32,800 | 46,300 | 56,700 |
| **BLOWER SECTION** | | | | | |
| Airflow - CFM | | 1,250 | 1,500 | 2,000 | 2,500 |
| Standard evaporator motor - HP | | 3/4 | 1 | 1-1/2 | 2 |
| External static pressure (E.S.P.) - inches of W.G. | | 0.5 | 0.5 | 0.5 | 0.5 |
| Number of motors/fans | | 1/1 | 1/1 | 1/1 | 1/1 |
| Maximum E.S.P. | (Standard evaporator motor) | 0.6 | 0.5 | 1.0 | 1.0 |
| Maximum E.S.P. | (Next size evaporator motor) | 1.0 | 1.0 | 1.2 | N/A |
| Next size motor - HP | | 1 | 1 1/2 | 2 | N/A |
| **CONDENSER SECTION** | *(Indoor units only)* | | | | |
| Airflow - CFM | | 1,200 | 1,700 | 2,200 | 2,600 |
| Standard condenser motor - HP | | 3/4 | 1 | 1-1/2 | 2 |
| E.S.P. - inches of W.G. | | 0.5 | 0.5 | 0.5 | 0.5 |
| Maximum E.S.P. | (Standard condenser motor) | 1.1 | 1.2 | 1.1 | 0.9 |
| Maximum E.S.P. | (Next size condenser motor) | 1.5 | 1.2 | 1.5 | N/A |
| Next size condenser motor - HP | | 1 | 1-1/2 | 2 | N/A |
| **EVAPORATOR COIL** | | | | | |
| Face area - sq. ft. | | 3 | 3 | 5 | 5 |
| Rows of coil | | 4 | 4 | 4 | 4 |
| Face velocity - FPM | | 417 | 500 | 400 | 500 |
| **CONDENSER COIL** | *(Indoor units only)* | | | | |
| Face area - sq. ft. | | 2.9 | 2.9 | 4.4 | 4.4 |
| Rows of coils | | 6 | 6 | 6 | 6 |
| Face velocity - FPM | | 414 | 586 | 505 | 597 |

## AIR COOLED: Performance data at OPTIONAL airflow

| *MODEL* | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|
| **COMPRESSOR** | | | | |
| Type | Scroll | Scroll | Scroll | Scroll |
| Refrigerant type | R-407c | R-407c | R-407c | R-407c |
| **FILTER SECTION** | | | | |
| Quantity -Size (inches) | 1-20x25x2 | 1-20x25x2 | 1-16x20x2<br>1-20x20x2 | 1-16x20x2<br>1-20x20x2 |
| Efficiency - MERV<br>(Note: Efficiency based on ASHRAE Std. 52.2) | 8 | 8 | 8 | 8 |
| **REHEAT SECTION** | | | | |
| Type | Electric | Electric | Electric | Electric |
| kW (Single phase) | 6 | 6 | 6 | 6 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 20,500 |
| kW (Three phase) | 6 | 6 | 6 | 12 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 41,000 |
| **HUMIDIFIER SECTION** *(Optional Steam Generator)* | | | | |
| Capacity - lbs/hr | 5 | 5 | 5 | 5 |
| kW | 1.7 | 1.7 | 1.7 | 1.7 |
| Capacity - lbs/hr | N/A | N/A | 10 | 10 |
| kW | N/A | N/A | 3.4 | 3.4 |
| **CONNECTION SIZES** *(All units)* | | | | |
| Humidifier supply - O.D. Copper | 1/4 | 1/4 | 1/4 | 1/4 |
| Condensate drain - FPT | 3/4 | 3/4 | 3/4 | 3/4 |
| **CONNECTION SIZES** *(Split systems with condensing section)* | | | | |
| Liquid line - O.D. Copper | 1/2 | 1/2 | 1/2 | 1/2 |
| Suction line - O.D. Copper | 3/4 | 3/4 | 3/4 | 3/4 |
| **CONNECTION SIZES** *(Split systems with condenser section)* | | | | |
| Liquid line - O.D. Copper | 1/2 | 1/2 | 1/2 | 1/2 |
| Discharge line - O.D. Copper | 1/2 | 1/2 | 1/2 | 1/2 |

***NOTE:*** *The actual required field line sizes will not necessarily be the same as the above connection sizes.*

## WATER COOLED: Performance data at STANDARD airflow

| *MODEL* | | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|---|
| **CAPACITY in Btu/hr** - *Gross* | | | | | |
| 80° DB/67° WB | Total | 33,400 | 41,700 | 55,000 | 67,100 |
| 50% RH | Sensible | 25,400 | 31,000 | 41,300 | 50,700 |
| 75° DB/62.5° WB | Total | 30,700 | 38,100 | 50,600 | 61,600 |
| 50% RH | Sensible | 24,900 | 30,300 | 40,600 | 49,700 |
| 75° DB/61° WB | Total | 29,800 | 37,200 | 49,500 | 60,000 |
| 45% RH | Sensible | 26,200 | 32,300 | 43,300 | 52,900 |
| 72° DB/60° WB | Total | 29,300 | 36,300 | 48,700 | 59,100 |
| 50% RH | Sensible | 24,400 | 29,700 | 39,900 | 48,800 |
| 72° DB/58.6° WB | Total | 28,400 | 35,400 | 47,200 | 57,400 |
| 45% RH | Sensible | 25,900 | 31,500 | 42,200 | 51,700 |
| **BLOWER SECTION** | | | | | |
| Airflow - CFM | | 1,000 | 1,200 | 1,600 | 2,000 |
| Standard evaporator motor - HP | | 1/2 | 3/4 | 1 | 1-1/2 |
| External static pressure (E.S.P.) - inches of W.G. | | 0.5 | 0.5 | 0.5 | 0.5 |
| Number of motors/fans | | 1/1 | 1/1 | 1/1 | 1/1 |
| Maximum E.S.P. | (Standard evaporator motor) | 0.8 | 0.8 | 0.8 | 0.7 |
| Maximum E.S.P. | (Next size evaporator motor) | 1.2 | 1.2 | 1.1 | 1.0 |
| Next size evaporator motor - HP | | 3/4 | 1 | 1-1/2 | 2 |
| **CONDENSER WATER** | | *Requirements* | | | |
| 65° F entering fluid temperature | - GPM | 2.6 | 3.9 | 5.2 | 6.5 |
| | PD - PSI | 0.9 | 1.9 | 0.9 | 1.2 |
| 75° F entering fluid temperature | - GPM | 4.2 | 6.2 | 8.3 | 10.4 |
| | PD - PSI | 1.6 | 5.8 | 1.5 | 2.5 |
| 85° F entering fluid temperature | - GPM | 6.0 | 9.0 | 12.0 | 15.0 |
| | PD - PSI | 3.2 | 7.5 | 3.5 | 5.0 |
| With fluid cooler - GPM | | 7.0 | 10.5 | 14.0 | 17.5 |
| | PD - PSI | 4.0 | 8.0 | 4.4 | 6.5 |
| **CONDENSER** | | | | | |
| Type | | Plate Fin | Plate Fin | Plate Fin | Plate Fin |
| Water regulating valve | | 2-Way | 2-Way | 2-Way | 2-Way |
| Size - inches | | 3/4 | 3/4 | 1 | 1 |
| Maximum working pressure - PSI | | 150 | 150 | 150 | 150 |

## WATER COOLED: Performance data at STANDARD airflow

| *MODEL* | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|
| **EVAPORATOR COIL** | | | | |
| Face area - sq. ft. | 3 | 3 | 5 | 5 |
| Rows of coil | 4 | 4 | 4 | 4 |
| Face velocity - FPM | 333 | 400 | 320 | 400 |
| **FILTER SECTION** | | | | |
| Quantity - Size (inches) | 1-20x25x2 | 1-20x25x2 | 1-16x20x2<br>1-20x20x2 | 1-16x20x2<br>1-20x20x2 |
| Efficiency - MERV | 8 | 8 | 8 | 8 |
| (Note: Efficiency based on ASHRAE Std. 52.2) | | | | |
| **REHEAT SECTION** | | | | |
| Type | Electric | Electric | Electric | Electric |
| kW (Single phase) | 6 | 6 | 6 | 6 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 20,500 |
| kW (Three phase) | 6 | 6 | 6 | 12 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 41,000 |
| **HUMIDIFIER SECTION** *(Optional Steam Generator)* | | | | |
| Capacity - lbs/hr | 5 | 5 | 5 | 5 |
| kW | 1.7 | 1.7 | 1.7 | 1.7 |
| Capacity | N/A | N/A | 10 | 10 |
| kW | N/A | N/A | 3.4 | 3.4 |
| **COMPRESSOR** | | | | |
| Type | Scroll | Scroll | Scroll | Scroll |
| Refrigerant type | R-407c | R-407c | R-407c | R-407c |
| **CONNECTION SIZES** | | | | |
| Humidifier supply - O.D. Copper | 1/4 | 1/4 | 1/4 | 1/4 |
| Condensate drain - FPT | 3/4 | 3/4 | 3/4 | 3/4 |
| Condenser water in - O.D. Copper | 3/4 | 3/4 | 1 1/8 | 1 1/8 |
| Condenser water out - O.D. Copper | 3/4 | 3/4 | 1 1/8 | 1 1/8 |

## WATER COOLED: Performance data at OPTIONAL airflow

| *MODEL* | | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|---|
| **CAPACITY in Btu/hr** - *Gross* | | | | | |
| 80° DB/67° WB | Total | 34,300 | 42,900 | 56,900 | 69,100 |
| 50% RH | Sensible | 28,800 | 35,000 | 46,800 | 57,300 |
| 75° DB/62.5° WB | Total | 31,500 | 39,500 | 52,400 | 63,500 |
| 50% RH | Sensible | 28,200 | 34,300 | 45,900 | 56,100 |
| 75° DB/61° WB | Total | 30,700 | 38,500 | 51,000 | 61,900 |
| 45% RH | Sensible | 30,200 | 36,700 | 49,100 | 60,100 |
| 72° DB/60° WB | Total | 30,400 | 37,600 | 49,900 | 61,000 |
| 50% RH | Sensible | 27,700 | 33,400 | 44,800 | 55,000 |
| 72° DB/58.6° WB | Total | 29,400 | 36,700 | 48,600 | 59,500 |
| 45% RH | Sensible | 29,400 | 35,700 | 47,800 | 58,700 |
| **BLOWER SECTION** | | | | | |
| Airflow - CFM | | 1,250 | 1,500 | 2,000 | 2,500 |
| Standard evaporator motor - HP | | 3/4 | 1 | 1 1/2 | 2 |
| External static pressure (E.S.P.) - inches of W.G. | | 0.5 | 0.5 | 0.5 | 0.5 |
| Number of motors/fans | | 1/1 | 1/1 | 1/1 | 1/1 |
| Maximum E.S.P. | (Standard evaporator motor) | 0.6 | 0.5 | 1.0 | 1.0 |
| Maximum E.S.P. | (Next size evaporator motor) | 1.0 | 1.0 | 1.2 | N/A |
| Next size evaporator motor - HP | | 1 | 1 1/2 | 2 | N/A |
| **CONDENSER WATER** | *Requirements* | | | | |
| 65° F Entering fluid temperature | GPM | 2.6 | 3.9 | 5.2 | 6.5 |
| | PD - PSI | 0.9 | 1.9 | 0.9 | 1.2 |
| 75° F Entering fluid temperature | GPM | 4.2 | 6.2 | 8.3 | 10.4 |
| | PD - PSI | 1.6 | 5.8 | 1.5 | 2.5 |
| 85° F Entering fluid temperature | GPM | 6.0 | 9.0 | 12.0 | 15.0 |
| | PD - PSI | 3.2 | 7.5 | 3.5 | 5.0 |
| With Fluid Cooler | GPM | 7.0 | 10.5 | 14.0 | 17.5 |
| | PD - PSI | 4.0 | 8.0 | 4.4 | 6.5 |
| **CONDENSER** | | | | | |
| Type | | Plate Fin | Plate Fin | Plate Fin | Plate Fin |
| Water regulating valve | | 2-Way | 2-Way | 2-Way | 2-Way |
| Size - inches | | 3/4 | 3/4 | 1 | 1 |
| Maximum working pressure - PSI | | 150 | 150 | 150 | 150 |

## WATER COOLED: Performance data at OPTIONAL airflow

| *MODEL* | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|
| **EVAPORATOR COIL** | | | | |
| Face area - sq. ft. | 3 | 3 | 5 | 5 |
| Rows of coil | 4 | 4 | 4 | 4 |
| Face velocity - FPM | 417 | 500 | 400 | 500 |
| **FILTER SECTION** | | | | |
| Quantity - Size (inches) | 1-20x25x2 | 1-20x25x2 | 1-16x20x2<br>1-20x20x2 | 1-16x20x2<br>1-20x20x2 |
| Efficiency - MERV | 8 | 8 | 8 | 8 |
| (Note: Efficiency based on ASHRAE Std. 52.2) | | | | |
| **REHEAT SECTION** | | | | |
| Type | Electric | Electric | Electric | Electric |
| kW (Single phase) | 6 | 6 | 6 | 6 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 20,500 |
| kW (Three phase) | 6 | 6 | 6 | 12 |
| Capacity - Btu/hr | 20,500 | 20,500 | 20,500 | 41,000 |
| **HUMIDIFIER SECTION** *(Optional Steam Generator)* | | | | |
| Capacity - lbs/hr | 5 | 5 | 5 | 5 |
| kW | 1.7 | 1.7 | 1.7 | 1.7 |
| Capacity - lbs/hr | N/A | N/A | 10 | 10 |
| kW | N/A | N/A | 3.4 | 3.4 |
| **COMPRESSOR** | | | | |
| Type | Scroll | Scroll | Scroll | Scroll |
| Refrigerant type | R-407c | R-407c | R-407c | R-407c |
| **CONNECTION SIZES** | | | | |
| Humidifier supply - O.D. Copper | 1/4 | 1/4 | 1/4 | 1/4 |
| Condensate drain - FPT | 3/4 | 3/4 | 3/4 | 3/4 |
| Condenser water in - O.D. Copper | 3/4 | 3/4 | 1 1/8 | 1 1/8 |
| Condenser water out - O.D. Copper | 3/4 | 3/4 | 1 1/8 | 1 1/8 |

## CHILLED WATER: Performance data at STANDARD airflow and 45° F entering chilled water

| *MODEL* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| **CAPACITY in Btu/hr -** *Gross* | | | | | |
| 80° DB/67° WB | Total | 36,700 | 44,200 | 65,400 | 77,500 |
| 50% RH | Sensible | 26,700 | 32,000 | 45,500 | 54,800 |
| 75° DB/62.5° WB | Total | 28,800 | 34,600 | 50,800 | 60,300 |
| 50% RH | Sensible | 24,100 | 28,800 | 40,600 | 49,100 |
| 75° DB/61° WB | Total | 27,100 | 32,400 | 47,100 | 56,100 |
| 45% RH | Sensible | 25,000 | 29,800 | 42,000 | 50,800 |
| 72° DB/60° WB | Total | 24,800 | 29,700 | 43,300 | 51,500 |
| 50% RH | Sensible | 22,200 | 26,600 | 37,400 | 45,200 |
| 72° DB/58.6° WB | Total | 23,600 | 28,100 | 40,500 | 48,500 |
| 45% RH | Sensible | 23,100 | 27,500 | 38,600 | 46,700 |
| **CHILLED WATER** | | *Requirements* | | | |
| Using 45° F EWT | GPM | 8.0 | 11.0 | 14.0 | 17.0 |
| PD - PSI | | 2.1 | 3.6 | 5.9 | 8.4 |
| **BLOWER SECTION** | | | | | |
| Airflow - CFM | | 1,000 | 1,200 | 1,600 | 2,000 |
| Standard blower motor - HP | | 1/2 | 3/4 | 1 | 1-1/2 |
| External static pressure (E.S.P.) - inches of W.G. | | 0.5 | 0.5 | 0.5 | 0.5 |
| Number of motors/fans | | 1/1 | 1/1 | 1/1 | 1/1 |
| Maximum E.S.P. | (Standard blower motor) | 0.8 | 0.8 | 0.8 | 0.7 |
| Maximum E.S.P. | (Next size blower motor) | 1.2 | 1.2 | 1.1 | 1.0 |
| Next size blower motor - HP | | 3/4 | 1 | 1-1/2 | 2 |
| **CHILLED WATER COIL** | | | | | |
| Face area - sq. ft. | . | 3 | 3 | 5 | 5 |
| Rows of coil | | 4 | 4 | 4 | 4 |
| Face velocity - FPM | | 333 | 400 | 320 | 400 |
| **CHILLED WATER VALVE** | | | | | |
| Valve body | | 2-way | 2-way | 2-way | 2-way |
| Valve size - inches | | 1 | 1 | 1 | 1 |
| Maximum working pressure - PSI | | 150 | 150 | 150 | 150 |
| **FILTER SECTION** | | | | | |
| Quantity - Size (inches) | | 1-20x25x2 | 1-20x25x2 | 1-16x20x2<br>1-20x20x2 | 1-16x20x2<br>1-20x20x2 |
| Efficiency - MERV | | 8 | 8 | 8 | 8 |
| (Note: Efficiency based on ASHRAE Std. 52.2) | | | | | |

## CHILLED WATER: Performance data at STANDARD airflow and 45° F entering chilled water

| *MODEL* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| **REHEAT SECTION** | | | | | |
| Type | | Electric | Electric | Electric | Electric |
| kW | (Single phase) | 6 | 6 | 6 | 6 |
| Capacity - Btu/hr | | 20,500 | 20,500 | 20,500 | 20,500 |
| kW | (Three phase) | 6 | 6 | 6 | 12 |
| Capacity - Btu/hr | | 20,500 | 20,500 | 20,500 | 41,000 |
| **HUMIDIFIER SECTION** | *(Optional Steam Generator)* | | | | |
| Capacity - lbs/hr | | 5 | 5 | 5 | 5 |
| kW | | 1.7 | 1.7 | 1.7 | 1.7 |
| Capacity - lbs/hr | | N/A | N/A | 10 | 10 |
| kW | | N/A | N/A | 3.4 | 3.4 |
| **CONNECTION SIZES** | | | | | |
| Humidifier supply - O.D. Copper | | 1/4 | 1/4 | 1/4 | 1/4 |
| Condensate drain - FPT | | 3/4 | 3/4 | 3/4 | 3/4 |
| Chilled water supply - O.D. Copper | | 1 1/8 | 1 1/8 | 1 1/8 | 1 1/8 |
| Chilled water return - O.D. Copper | | 1 1/8 | 1 1/8 | 1 1/8 | 1 1/8 |

## CHILLED WATER: Performance data at OPTIONAL airflow and 45° F entering chilled water

| *MODEL* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| **CAPACITY in Btu/hr** - *Gross* | | | | | |
| 80° DB/67° WB | Total | 40,500 | 49,000 | 73,100 | 86,100 |
| 50% RH | Sensible | 31,000 | 37,200 | 53,000 | 63,700 |
| 75° DB/62.5° WB | Total | 32,200 | 38,700 | 57,400 | 67,800 |
| 50% RH | Sensible | 28,100 | 33,600 | 47,700 | 57,500 |
| 75° DB/61° WB | Total | 30,700 | 36,700 | 53,800 | 63,900 |
| 45% RH | Sensible | 29,300 | 35,000 | 49,600 | 59,700 |
| 72° DB/60° WB | Total | 28,000 | 33,500 | 49,300 | 58,400 |
| 50% RH | Sensible | 26,100 | 31,100 | 44,100 | 53,100 |
| 72° DB/58.6° WB | Total | 27,000 | 32,300 | 46,800 | 55,800 |
| 45% RH | Sensible | 26,900 | 32,100 | 45,700 | 54,900 |
| **CHILLED WATER** | | *Requirements* | | | |
| Using 45° F EWT | GPM | 8.0 | 11.0 | 14.0 | 17.0 |
| PD in PSI | | 2.1 | 3.6 | 5.9 | 8.4 |
| **BLOWER SECTION** | | | | | |
| Airflow - CFM | | 1,250 | 1,500 | 2,000 | 2,500 |
| Standard blower motor - HP | | 3/4 | 1 | 1 1/2 | 2 |
| External static pressure (E.S.P.) - inches of W.G. | | 0.5 | 0.5 | 0.5 | 0.5 |
| Number of motors/fans | | 1/1 | 1/1 | 1/1 | 1/1 |
| Maximum E.S.P. | (Standard blower motor) | 0.6 | 0.5 | 1.0 | 1.0 |
| Maximum E.S.P. | (Next size blower motor) | 1.0 | 1.0 | 1.2 | N/A |
| Next size blower motor - HP | | 1 | 1 1/2 | 2 | N/A |
| **CHILLED WATER COIL** | | | | | |
| Face area - sq. ft. | | 3 | 3 | 5 | 5 |
| Rows of coil | | 4 | 4 | 4 | 4 |
| Face velocity - FPM | | 417 | 500 | 400 | 500 |
| **CHILLED WATER VALVE** | | | | | |
| Valve | | 2-way | 2-way | 2-way | 2-way |
| Valve size - inches | | 1 | 1 | 1 | 1 |
| Maximum working pressure - PSI | | 150 | 150 | 150 | 150 |
| **FILTER SECTION** | | | | | |
| Quantity - Size (inches) | | 1-20x20x2 | 1-20x20x2 | 1-16x20x2<br>1-20x20x2 | 1-16x20x2<br>1-20x20x2 |
| Efficiency - MERV | | 8 | 8 | 8 | 8 |
| (Note: Efficiency based on ASHRAE Std. 52.2 | | | | | |

## CHILLED WATER: Performance data at OPTIONAL airflow and 45° F entering chilled water

| *MODEL* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| **REHEAT SECTION** | | | | | |
| Type | | Electric | Electric | Electric | Electric |
| kW | (Single phase) | 6 | 6 | 6 | 6 |
| Capacity - Btu/hr | | 20,500 | 20,500 | 20,500 | 20,500 |
| kW | (Three phase) | 6 | 6 | 6 | 12 |
| Capacity - Btu/hr | | 20,500 | 20,500 | 20,500 | 41,000 |
| **HUMIDIFIER SECTION** | *(Optional Steam Generator)* | | | | |
| Capacity - lbs/hr | | 5 | 5 | 5 | 5 |
| kW | | 1.7 | 1.7 | 1.7 | 1.7 |
| Capacity - lbs/hr | | N/A | N/A | 10 | 10 |
| kW | | N/A | N/A | 3.4 | 3.4 |
| **CONNECTION SIZES** | | | | | |
| Humidifier supply - O.D. Copper | | 1/4 | 1/4 | 1/4 | 1/4 |
| Condensate drain - FPT | | 3/4 | 3/4 | 3/4 | 3/4 |
| Chilled water supply - O.D. Copper | | 1 1/8 | 1 1/8 | 1 1/8 | 1 1/8 |
| Chilled water return - O.D. Copper | | 1 1/8 | 1 1/8 | 1 1/8 | 1 1/8 |

## ELECTRICAL DATA

### AIR COOLED - Single Power Source Units (Indoor Packaged or Split Systems)

*Applicable to the following models:* DAPA-2.5xx-P thru DAPA-05xx-P (see drawing 535-900-001)
DAPA-2.5xx-AI thru DAPA-05xx-AI (see drawing 535-900-002)
DAPA-2.5xx-CI thru DAPA-05xx-CI (see drawing 535-900-008)



### AIR COOLED - Dual Power Source Units (Indoor Split Systems)

*Applicable to the following models:* DAPA-2.5xx-CI thru DAPA-05xx-CI (see drawing 535-900-008)



*Applicable to the following models:* DAPA-2.5xx-AI thru DAPA-05xx-AI (see drawing 535-900-002)



### AIR COOLED - Dual Power Source Units (Indoor/Outdoor Sections)

*Applicable to the following models:* DAPA-2.5xx-CO thru DAPA-05xx-CO (see drawing 535-900-006)



*Applicable to the following models:* DAPA-2.5xx-AO thru DAPA-05xx-AO (see drawing 535-900-005)



*- continued -*

## WATER COOLED - Single Power Source (Indoor Packaged or Split Systems)

*Applicable to the following models:* DAPW-2.5xx-P thru DAPA-05xx-P(see drawing 535-900-003)
DAPW-2.5xx-WS thru DAPA-05xx-WS (see drawing 535-900-004)



## CHILLED WATER

*Applicable to the following models:* DAPC-2.5xx thru DAPC-05xx (see drawing 535-900-007)



## SUPPLEMENTAL DATA

Electrical Data Sheet

Split systems with indoor evaporator section and indoor condensing section using next size condenser motor
(DAPA-2.5xx-AI thru DAPA-05xx-AI) (see drawing 535-900-002)

Split systems with indoor evaporator/condensing section and indoor condenser section using next size condenser motor
(DAPA-2.5xx-CI thru DAPA-05xx-CI) (see drawing 535-900-008)

## AIR COOLED: Electrical data at STANDARD airflow
## Packaged or split indoor systems with single power source

| *Model Number* | | ***DAPA-2.5*** | ***DAPA-03*** | ***DAPA-04*** | ***DAPA-05*** |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 50/61/70 | 55/67/70 | 67/80/90 | 76/90/110 |
| 208-230/3/60 | FLA/MCA/MOP | 31/37/40 | 34/40/45 | 39/47/50 | 62/75/80 |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 20/23/25 | 30/36/40 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 67/80/90 | 76/90/110 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 39/47/50 | 62/75/80 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 20/23/25 | 30/36/40 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 30/35/45 | 35/41/50 | 47/55/70 | 55/64/90 |
| 208-230/3/60 | FLA/MCA/MOP | 22/27/30 | 25/30/35 | 31/36/40 | 37/44/50 |
| 460/3/60 | FLA/MCA/MOP | 11/13/15 | 12/14/15 | 16/18/20 | 18/22/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 55/65/80 | 63/75/90 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 39/47/50 | 44/53/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 19/23/25 | 22/26/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 50/61/70 | 55/67/70 | 67/80/90 | 76/90/110 |
| 208-230/3/60 | FLA/MCA/MOP | 31/37/40 | 34/40/45 | 39/47/50 | 61/74/80 |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 20/23/25 | 30/36/40 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 22/25/35 | 27/31/45 | 39/44/60 | 47/54/80 |
| 208-230/3/60 | FLA/MCA/MOP | 14/16/25 | 17/19/25 | 23/26/35 | 28/32/45 |
| 460/3/60 | FLA/MCA/MOP | 7.1/8.2/15 | 8.0/10/15 | 12/14/20 | 15/17/20 |
| Standard evaporator fan motor | | | | | |
| Horsepower | | 1/2 | 3/4 | 1 | 1-1/2 |
| 208-230/1/60 | FLA | 4.0 | 5.3 | 6.4 | 8.8 |
| 208-230/3/60 | FLA | 2.2 | 3.0 | 3.6 | 4.8 |
| 460/3/60 | FLA | 1.1 | 1.5 | 1.8 | 2.4 |
| Condenser fan motor | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps
MCA - Minimum circuit amps (wire sizing amps)
MOP - Maximum over-current protection device amps
* All selections are based on using standard horsepower condenser motor

## AIR COOLED: Electrical data at STANDARD airflow
## Packaged or split indoor systems with single power source with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 52/62/70 | 57/68/70 | 70/83/90 | 76/91/110 |
| 208-230/3/60 | FLA/MCA/MOP | 32/38/40 | 34/41/45 | 40/47/50 | 63/75/80 |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 21/24/25 | 30/36/40 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 70/83/90 | 76/91/110 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 40/47/50 | 63/75/80 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 21/24/25 | 30/36/40 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 31/36/45 | 36/42/50 | 49/57/70 | 56/65/90 |
| 208-230/3/60 | FLA/MCA/MOP | 23/27/30 | 26/30/35 | 31/37/45 | 37/44/50 |
| 460/3/60 | FLA/MCA/MOP | 11/13/15 | 12/15/20 | 17/19/25 | 19/22/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES,** and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 58/68/80 | 64/75/90 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 39/47/50 | 46/54/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 20/24/25 | 22/26/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 52/62/70 | 57/68/70 | 70/83/90 | 76/91/110 |
| 208-230/3/60 | FLA/MCA/MOP | 32/38/40 | 34/41/45 | 40/47/50 | 63/75/80 |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 21/24/25 | 30/36/40 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 23/26/35 | 28/32/45 | 41/47/70 | 47/55/80 |
| 208-230/3/60 | FLA/MCA/MOP | 15/17/25 | 18/20/30 | 23/26/35 | 29/34/50 |
| 460/3/60 | FLA/MCA/MOP | 7.5/8.6/15 | 9.0/10/15 | 13/15/20 | 15/17/20 |
| Evaporator fan motor | *NEXT SIZE MOTOR* | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Condenser fan motor | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps
MCA - Minimum circuit amps (wire sizing amps)
MOP - Maximum over-current protection device amps
* All selections are based on using standard horsepower condenser motor

## AIR COOLED: Electrical data at OPTIONAL airflow
## Packaged or split indoor systems with single power source

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 51/62/70 | 57/68/70 | 68/81/90 | 76/90/110 |
| 208-230/3/60 | FLA/MCA/MOP | 31/37/40 | 34/40/45 | 39/46/50 | 61/74/80 |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 20/23/25 | 30/36/40 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 68/81/90 | 76/90/110 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 39/46/50 | 61/74/80 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 20/23/25 | 30/36/40 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 30/36/45 | 36/42/50 | 47/55/70 | 55/64/90 |
| 208-230/3/60 | FLA/MCA/MOP | 22/27/30 | 25/30/35 | 31/35/45 | 36/43/50 |
| 460/3/60 | FLA/MCA/MOP | 11/13/15 | 12/14/15 | 16/18/25 | 18/22/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 56/66/80 | 63/75/90 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 38/46/50 | 44/53/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 19/23/25 | 22/26/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 51/62/70 | 57/68/70 | 68/81/90 | 76/90/110 |
| 208-230/3/60 | FLA/MCA/MOP | 31/37/40 | 34/40/45 | 39/46/50 | 61/74/80 |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 20/23/25 | 30/36/40 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 22/26/35 | 28/32/45 | 39/45/60 | 47/54/80 |
| 208-230/3/60 | FLA/MCA/MOP | 14/16/25 | 17/19/25 | 22/25/35 | 28/32/45 |
| 460/3/60 | FLA/MCA/MOP | 7.1/8.2/15 | 8.0/10/15 | 12/14/20 | 15/17/25 |
| Evaporator fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA Full Load Amps
MCA Minimum Circuit Amps (Wire Sizing Amps)
MOP Maximum Over-current Protection Device Amps
* All selections are based on using standard horsepower condenser motor

## AIR COOLED: Electrical data at OPTIONAL airflow
## Packaged or split indoor systems with single power source NEXT SIZE MOTOR*
## WITH NEXT SIZE MOTOR

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 53/64/70 | 58/70/80 | 70/83/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 32/38/40 | 35/41/45 | 40/47/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 21/24/25 | N/A |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 70/83/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 40/47/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 21/24/25 | N/A |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 32/38/45 | 38/44/50 | 49/57/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 23/27/40 | 26/30/35 | 31/37/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 11/13/15 | 12/15/20 | 17/19/25 | N/A |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 58/68/80 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 39/47/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 20/24/25 | N/A |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 53/64/70 | 58/70/80 | 70/83/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 32/38/40 | 34/41/45 | 40/47/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 15/18/20 | 16/19/20 | 21/24/25 | N/A |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 24/27/40 | 31/35/50 | 41/47/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 15/17/25 | 19/21/30 | 23/26/35 | N/A |
| 460/3/60 | FLA/MCA/MOP | 7.5/8.6/15 | 10/11/15 | 13/15/20 | N/A |
| Evaporator fan motor | *NEXT SIZE MOTOR* | | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps
MCA - Minimum circuit amps (wire sizing amps)
MOP - Maximum over-current protection device amps
* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at STANDARD airflow
## Split indoor systems with dual power source

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 25/31/40 | 29/36/45 | 39/47/60 | 46/55/80 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 21/26/30 | 25/31/40 | 30/37/50 |
| 460/3/60 | FLA/MCA/MOP | 8.8/10/15 | 10/12/15 | 13/16/20 | 15/19/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 46/56/70 | 54/65/80 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 33/41/50 | 38/47/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 19/23/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 17/20/30 | 21/25/40 | 31/36/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 11/13/15 | 13/16/25 | 17/20/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 5.6/6.7/15 | 6.6/7.9/15 | 9.0/11/15 | 12/14/20 |
| Evaporator fan motor data | | | | | |
| Horsepower | | 1/2 | 3/4 | 1 | 1-1/2 |
| 208-230/1/60 | FLA | 4.0 | 5.3 | 6.4 | 8.8 |
| 208-230/3/60 | FLA | 2.2 | 3.0 | 3.6 | 4.8 |
| 460/3/60 | FLA | 1.1 | 1.5 | 1.8 | 2.4 |
| Condenser data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/11.6/20 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/7.1/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps)MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at STANDARD airflow
## Split indoor systems with dual power source with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES,** and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 48/58/60 | 52/63/70 | 61/74/90 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/40 | 35/43/50 | 57/68/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES,** and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 61/74/90 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/43/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 27/32/40 | 31/37/50 | 41/49/70 | 46/55/80 |
| 208-230/3/60 | FLA/MCA/MOP | 20/24/30 | 22/27/30 | 26/32/40 | 30/37/50 |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 11/13/15 | 14/17/20 | 15/19/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES,** and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | 54/65/80 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/42/50 | 38/47/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 19/23/30 |
| Electrical data based on; electric reheat - **YES,** steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 48/58/60 | 52/63/70 | 61/74/90 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/40 | 35/43/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Evaporator fan motor data *NEXT SIZE* | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Condenser data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/11.6/20 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/7.1/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split indoor systems with dual power source

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES,** and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 25/31/40 | 29/36/45 | 39/47/60 | 46/55/80 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/30 | 21/26/30 | 25/31/40 | 30/37/50 |
| 460/3/60 | FLA/MCA/MOP | 8.8/10.5/15 | 10/12/15 | 13/16/20 | 15/19/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 47/57/70 | 54/65/80 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 33/41/50 | 38/47/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 19/23/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 18/21/30 | 21/25/40 | 31/36/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 13/16/25 | 17/26/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 5.6/6.7/15 | 6.6/7.9/15 | 9.2/11/15 | 12/14/20 |
| Evaporator fan motor | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Condenser data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/20 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/7.1/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split indoor systems with dual power source NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 48/60/60 | 54/65/70 | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 32/39/45 | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 15/19/20 | 18/22/25 | N/A |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/22/25 | N/A |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 28/31/40 | 33/39/50 | 41/49/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/30 | 23/28/35 | 28/33/40 | N/A |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 12/14/15 | 14/17/20 | N/A |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 36/43/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | N/A |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 49/60/70 | 54/65/70 | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 32/39/40 | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 15/19/20 | 18/22/25 | N/A |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 20/24/35 | 25/29/40 | 33/39/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 15/18/25 | 20/23/35 | N/A |
| 460/3/60 | FLA/MCA/MOP | 6.3/7.4/15 | 7.9/9.2/15 | 10/12/15 | N/A |
| Evaporator fan motor | *NEXT SIZE MOTOR* | | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Condenser data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/11.6/20 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/7.1/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Condenser fan motor | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at STANDARD airflow
## Split indoor systems with dual power source

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES,** and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 32/40/45 | 33/43/45 | 36/44/45 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 20/25/30 | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | 8.6/11/15 | 9.0/11/15 | 9.3/12/15 | 18/22/25 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 35/44/45 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 7.9/9.4/15 | 18/22/25 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 12/15/15 | 13/17/20 | 15/19/20 | 17/21/25 |
| 208-230/3/60 | FLA/MCA/MOP | 10/13/15 | 11/14/15 | 12/15/20 | 13/16/20 |
| 460/3/60 | FLA/MCA/MOP | 4.3/5.1/15 | 5.1/6.0/15 | 5.7/6.7/15 | 7.7/9.0/15 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 23/29/30 | 25/31/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 20/25/30 | 21/26/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 7.9/9.4/15 | 9.9/11.6/15 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 32/40/45 | 34/43/45 | 36/45/50 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 20/25/30 | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | 8.6/11/15 | 9.0/11/15 | 9.3/12/15 | 18/22/25 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 3.5/4.4/15 | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 |
| 208-230/3/60 | FLA/MCA/MOP | 2.2/2.8/15 | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 |
| 460/3/60 | FLA/MCA/MOP | 1.1/1.4/15 | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 |
| Standard evaporator motor | | | | | |
| Horsepower | | 1/2 | 3/4 | 1 | 1-1/2 |
| 208-230/1/60 | FLA | 4.0 | 5.3 | 6.4 | 8.8 |
| 208-230/3/60 | FLA | 2.2 | 3.0 | 3.6 | 4.8 |
| 460/3/60 | FLA | 1.1 | 1.5 | 1.8 | 2.4 |
| Condensing unit data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at STANDARD airflow
## Split indoor systems with dual power source with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 13/17/20 | 15/19/20 | 17/21/25 | 17/22/25 |
| 208-230/3/60 | FLA/MCA/MOP | 11/14/15 | 12/15/20 | 13/16/20 | 14/18/20 |
| 460/3/60 | FLA/MCA/MOP | 5.1/6.0/15 | 5.7/6.7/15 | 7.7/9.0/15 | 8.1/9.4/15 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/47/50 | 26/32/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/27/30 | 22/28/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 9.9/13/15 | 10/13/15 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/44/45 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/15 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Evaporator fan motor | *Next Size Motor* | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Condensing unit data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split indoor systems with dual power source

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES,** and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 13/17/20 | 15/19/20 | 17/21/25 | 17/22/25 |
| 208-230/3/60 | FLA/MCA/MOP | 11/14/15 | 12/15/20 | 13/16/20 | 14/18/20 |
| 460/3/60 | FLA/MCA/MOP | 5.1/6.0/15 | 5.7/6.7/15 | 7.7/9.0/15 | 8.1/9.4/15 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/47/50 | 26/32/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/27/30 | 22/28/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 9.9/13/15 | 10/13/15 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/44/45 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.0/8.5/15 | 8.8/11/15 | 9.3/12/15 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Evaporator fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Condensing unit data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split indoor systems with dual power source with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 36/45/50 | 38/47/50 | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 21/27/30 | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | 9.3/12/15 | 10/13/15 | 11/13/15 | N/A |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES** and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 11/13/15 | N/A |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 15/19/20 | 17/21/25 | 17/22/25 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 12/15/20 | 13/16/20 | 14/18/20 | N/A |
| 460/3/60 | FLA/MCA/MOP | 5.7/6.7/15 | 6.7/8.4/15 | 6.7/8.4/15 | N/A |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 26/32/35 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 22/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | N/A |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 36/45/50 | 38/48/50 | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 23/28/30 | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | 9.3/12/15 | 11/13/15 | 11/13/15 | N/A |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO** and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 6.8/8.5/15 | 9.3/12/20 | 9.3/12/15 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 3.6/4.5/15 | 6.0/7.5/15 | 6.0/7.5/15 | N/A |
| 460/3/60 | FLA/MCA/MOP | 1.8/2.3/15 | 3.0/3.8/15 | 3.0/3.8/15 | N/A |
| Evaporative fan motor data | | *Next Size Motor* | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Condensing unit data | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at STANDARD airflow
## Split systems with indoor evaporator and remote outdoor condenser

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 25/31/40 | 29/35/45 | 39/47/60 | 46/55/80 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 21/26/30 | 25/31/40 | 30/37/50 |
| 460/3/60 | FLA/MCA/MOP | 9.3/11/15 | 10/12/15 | 13/16/20 | 15/19/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES,** and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 47/57/70 | 54/65/80 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 33/41/50 | 38/47/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 19/23/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 17/20/30 | 21/25/40 | 31/36/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 11/13/20 | 13/16/25 | 17/20/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 5.6/6.7/15 | 6.6/7.9/15 | 9.2/11/15 | 12/14/20 |
| Evaporator fan motor data | | | | | |
| Horsepower | | 1/2 | 3/4 | 1 | 1-1/2 |
| 208-230/1/60 | FLA | 4.0 | 5.3 | 6.4 | 8.8 |
| 208-230/3/60 | FLA | 2.2 | 3.0 | 3.6 | 4.8 |
| 460/3/60 | FLA | 1.1 | 1.5 | 1.8 | 2.4 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |
| Outdoor condenser data | | DARC-03 | DARC-03 | DARC-05 | DARC-05 |
| 208-230/1/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 208-230/3/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 460/3/60 | FLA/MCA/MOP | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at STANDARD airflow
## Split systems with indoor evaporator and remote outdoor condenser with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 48/58/60 | 52/63/70 | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/40 | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 27/32/40 | 31/37/50 | 41/49/70 | 46/56/80 |
| 208-230/3/60 | FLA/MCA/MOP | 20/24/25 | 22/27/30 | 26/32/40 | 31/38/40 |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 11/13/15 | 14/17/20 | 16/19/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | 54/66/90 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/42/50 | 40/48/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 19/23/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 48/58/60 | 52/63/70 | 61/74/90 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/40 | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO,** and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Evaporative fan motor | *Next Size Motor* | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |
| Outdoor condenser data | | DARC-03 | DARC-03 | DARC-05 | DARC-05 |
| 208-230/1/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 208-230/3/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 460/3/60 | FLA/MCA/MOP | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 |
| Condenser fan data | | | | | |
| Horsepower | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split systems with indoor evaporator and remote outdoor condenser

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 49/60/70 | 50/61/70 | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 30/37/40 | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/17/20 | 18/21/25 | 27/33/35 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 27/33/35 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 28/34/45 | 29/36/45 | 41/49/70 | 46/56/80 |
| 208-230/3/60 | FLA/MCA/MOP | 21/25/30 | 21/26/30 | 26/32/35 | 31/38/50 |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 10/12/15 | 14/17/20 | 16/19/25 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | 54/66/90 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/42/50 | 40/48/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 19/23/30 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 49/60/79 | 50/61/70 | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 30/37/40 | 35/43/50 | 40/48/60 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/17/20 | 18/21/25 | 20/24/30 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 20/24/35 | 21/25/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 13/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.3/7.4/15 | 6.6/7.9/15 | 10/12/15 | 12/14/20 |
| Evaporator fan motor. | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |
| Outdoor condenser data | | DARC-03 | DARC-03 | DARC-05 | DARC-05 |
| 208-230/1/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 208-230/3/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 460/3/60 | FLA/MCA/MOP | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split systems with indoor evaporator and remote outdoor condenser with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 49/60/70 | 54/65/70 | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 32/39/45 | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 15/19/20 | 18/22/25 | N/A |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/22/25 | N/A |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 28/34/45 | 33/39/50 | 41/49/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 21/25/30 | 23/28/35 | 28/33/40 | N/A |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 12/14/15 | 14/17/20 | N/A |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 36/43/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | N/A |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 49/60/70 | 54/65/70 | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 32/39/40 | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 15/19/20 | 18/22/25 | N/A |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 20/24/35 | 25/29/40 | 33/39/60 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 15/18/25 | 20/23/35 | N/A |
| 460/3/60 | FLA/MCA/MOP | 6.3/7.4/15 | 7.9/9.2/15 | 10/12/15 | N/A |
| Evaporator fan motor | *Next Size Motor* | | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |
| Outdoor condenser data | | DARC-03 | DARC-03 | DARC-05 | DARC-05 |
| 208-230/1/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 208-230/3/60 | FLA/MCA/MOP | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 | 4.2/5.3/15 |
| 460/3/60 | FLA/MCA/MOP | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 | 2.1/2.6/15 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at STANDARD airflow
## Split systems with indoor evaporator and remote outdoor condensing section

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 32/40/45 | 34/43/45 | 36/45/50 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 20/25/30 | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | 8.6/11/15 | 9.0/11/15 | 9.3/12/15 | 18/22/25 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 36/45/50 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 9.3/12/15 | 18/22/25 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 12/15/20 | 13/17/20 | 15/19/20 | 17/21/25 |
| 208-230/3/60 | FLA/MCA/MOP | 10/13/15 | 11/14/15 | 12/15/20 | 13/16/20 |
| 460/3/60 | FLA/MCA/MOP | 4.8/6.0/15 | 5.2/6.5/15 | 5.5/6.9/20 | 6.5/8.1/15 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 23/29/30 | 25/31/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 20/25/30 | 21/26/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 9.2/11/15 | 10/13/15 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 32/40/45 | 34/4345 | 36/45/50 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 20/25/30 | 20/25/30 | 21/27/30 |
| 460/3/60 | FLA/MCA/MOP | 8.6/11/15 | 9.0/11/15 | 9.3/12/15 | 10/13/15 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 3.5/4.4/15 | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 |
| 208-230/3/60 | FLA/MCA/MOP | 2.2/2.8/15 | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 |
| 460/3/60 | FLA/MCA/MOP | 1.1/1.4/15 | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 |
| Evaporator fan motor | *Standard* | | | | |
| Horsepower | | 1/2 | 3/4 | 1 | 1-1/2 |
| 208-230/1/60 | FLA | 4.0 | 5.3 | 6.4 | 8.8 |
| 208-230/3/60 | FLA | 2.2 | 3.0 | 3.6 | 4.8 |
| 460/3/60 | FLA | 1.1 | 1.5 | 1.8 | 2.4 |
| Outdoor condensing unit | | | | | |
| Tons in nominal tons DRCU-xxxx | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA/MCA/MOP | 18/21/30 | 20/24/40 | 28/34/50 | 33/40/60 |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 15/17/25 | 18/21/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 6.6/7.7/15 | 7.2/8.5/15 | 10/11/15 | 11/13/20 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at STANDARD airflow
## Split systems with indoor evaporator and remote outdoor condensing section with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 13/17/20 | 15/19/20 | 17/21/25 | 17/22/25 |
| 208-230/3/60 | FLA/MCA/MOP | 11/14/15 | 12/15/20 | 13/16/20 | 14/18/20 |
| 460/3/60 | FLA/MCA/MOP | 5.2/6.5/15 | 5.5/6.9/15 | 6.5/8.1/20 | 6.7/8.4/15 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 25/31/35 | 26/32/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/26/30 | 22/28/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 10/13/15 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 23/28/30 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 11/13/15 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/15 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Evaporator fan motor data | *Next Size Motor* | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Outdoor condensing data | | | | | |
| Tons in Nominal Tons | DRCU-xxxx | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA/MCA/MOP | 18/21/30 | 20/24/40 | 28/34/50 | 33/40/60 |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 15/17/25 | 18/21/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 6.6/7.7/15 | 7.2/8.5/15 | 10/11/15 | 11/13/20 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split systems with indoor evaporator and remote outdoor condensing section

| ***Model Number*** | | | ***DAPA-2.5*** | ***DAPA-03*** | ***DAPA-04*** | ***DAPA-05*** |
|---|---|---|---|---|---|---|
| Electrical data based on; electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | | 34/43/45 | 36/45/45 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | | N/A | N/A | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | | N/A | N/A | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | | N/A | N/A | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | | 13/17/20 | 15/19/20 | 17/21/25 | 17/22/25 |
| 208-230/3/60 | FLA/MCA/MOP | | 11/14/15 | 12/15/20 | 13/16/20 | 14/18/20 |
| 460/3/60 | FLA/MCA/MOP | | 5.2/6.5/15 | 5.5/6.9/15 | 6.5/8.1/20 | 6.7/8.4/15 |
| Electrical data based on; electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | | N/A | N/A | 25/31/35 | 26/32/35 |
| 208-230/3/60 | FLA/MCA/MOP | | N/A | N/A | 21/26/30 | 22/28/30 |
| 460/3/60 | FLA/MCA/MOP | | N/A | N/A | 10/13/15 | 10/13/15 |
| Electrical data based on; electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on; electric reheat - **NO**, steam generator humidifier - **NO,** and STANDARD MOTOR. | | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/15 |
| 208-230/3/60 | FLA/MCA/MOP | | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |
| Evaporator fan motor data | | | | | | |
| Horsepower | | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | | 1.5 | 1.8 | 2.4 | 3.1 |
| Outdoor condensing unit | | | | | | |
| Tons in nominal tons | | DRCU-xxxx | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA/MCA/MOP | | 18/21/30 | 20/24/40 | 28/34/50 | 33/40/60 |
| 208-230/3/60 | FLA/MCA/MOP | | 13/15/20 | 15/17/25 | 18/21/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | | 6.6/7.7/15 | 7.2/8.5/15 | 10/11/15 | 11/13/20 |
| Compressor data | | | | | | |
| Tons | | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | | 4.5 | 5.1 | 7.4 | 9.0 |
| Condenser fan motor data | | | | | | |
| Horsepower | | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## AIR COOLED: Electrical data at OPTIONAL airflow
## Split systems with indoor evaporator and remote outdoor condensing section with NEXT SIZE MOTOR*

| *Model Number* | | *DAPA-2.5* | *DAPA-03* | *DAPA-04* | *DAPA-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 36/45/50 | 38/47/50 | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 21/27/30 | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | 9.3/12/15 | 10/13/15 | 11/13/15 | N/A |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 11/13/15 | N/A |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 15/19/20 | 17/21/25 | 17/22/25 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 12/15/20 | 13/16/20 | 14/18/20 | N/A |
| 460/3/60 | FLA/MCA/MOP | 5.5/6.9/15 | 6.5/8.1/15 | 6.7/8.4/15 | N/A |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 26/32/35 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 22/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | N/A |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 36/45/50 | 38/47/50 | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 21/27/30 | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | 9.3/12/15 | 10/13/15 | 11/13/15 | N/A |
| Electrical data based on: Electric reheat **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/15 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 | N/A |
| 460/3/60 | FLA/MCA/MOP | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 | N/A |
| Evaporator fan motor data | *Next Size Motor* | | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Outdoor condensing unit | | | | | |
| Tons in Nominal Tons | DRCU-xxxx | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA/MCA/MOP | 18/21/30 | 20/24/40 | 28/34/50 | 33/40/60 |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 15/17/25 | 18/21/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 6.6/7.7/15 | 7.2/8.5/15 | 10/11/15 | 11/13/20 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |
| Condenser fan motor data | | | | | |
| Horsepower | | 3/4 | 3/4 | 3/4 | 3/4 |
| 208-230 | FLA | 4.2 | 4.2 | 4.2 | 4.2 |
| 460 | FLA | 2.1 | 2.1 | 2.1 | 2.1 |

FLA - Full Load Amps MCA - Minimum Circuit Amps (Wire Sizing Amps) MOP - Maximum Over-current Protection Device Amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## WATER COOLED: Electrical data at STANDARD airflow
## Packaged or split indoor systems with single power source

| *Model Number* | | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 27/33/35 |
| Electrical data based on: electric reheat- **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 25/31/40 | 29/36/45 | 39/47/60 | 46/55/80 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/30 | 21/26/30 | 25/31/40 | 30/37/50 |
| 460/3/60 | FLA/MCA/MOP | 9.3/11/15 | 10/12/15 | 13/16/20 | 15/19/25 |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 47/57/70 | 54/65/80 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 33/41/50 | 38/47/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 17/20/25 | 19/23/30 |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 46/56/60 | 50/61/70 | 59/72/80 | 66/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 28/34/35 | 30/37/40 | 34/41/50 | 55/68/70 |
| 460/3/60 | FLA/MCA/MOP | 13/16/20 | 14/17/20 | 17/20/25 | 27/33/35 |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO,** and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 17/20/30 | 21/25/40 | 31/36/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 11/13/20 | 13/16/25 | 17/20/30 | 22/26/40 |
| 460/3/60 | FLA/MCA/MOP | 5.6/6.7/15 | 6.6/7.9/15 | 9.2/11/15 | 12/14/20 |
| Standard evaporator fan motor data | | | | | |
| Horsepower | | 1/2 | 3/4 | 1 | 1-1/2 |
| 208-230/1/60 | FLA | 4.0 | 5.3 | 6.4 | 8.8 |
| 208-230/3/60 | FLA | 2.2 | 3.0 | 3.6 | 4.8 |
| 460/3/60 | FLA | 1.1 | 1.5 | 1.8 | 2.4 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## WATER COOLED: Electrical data at STANDARD airflow
## Packaged or split indoor systems with single power source with NEXT SIZE MOTOR*

| *Model Number* | | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 47/58/60 | 52/63/70 | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/40 | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 27/33/35 |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 26/32/40 | 31/37/50 | 41/49/70 | 46/56/80 |
| 208-230/3/60 | FLA/MCA/MOP | 20/24/30 | 22/27/30 | 26/32/35 | 31/38/50 |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 11/13/15 | 14/17/20 | 16/19/25 |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | 54/66/90 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/42/50 | 40/48/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 19/23/30 |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 47/58/60 | 52/63/70 | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/40 | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | 14/11/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Evaporator fan motor data | *Next Size Motor* | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## WATER COOLED: Electrical data at OPTIONAL airflow
## Packaged or split indoor systems with single power source

| *Model Number* | | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier **YES** and STANDARD MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 48/58/60 | 52/63/70 | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/40 | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 27/33/35 |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 27/32/40 | 31/37/50 | 41/49/70 | 46/56/80 |
| 208-230/3/60 | FLA/MCA/MOP | 20/24/30 | 22/27/30 | 26/32/35 | 31/38/40 |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 11/13/15 | 14/17/20 | 16/19/25 |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | 54/66/90 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 35/42/50 | 40/48/60 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | 19/23/30 |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO,** and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 48/58/60 | 52/63/70 | 61/74/90 | 67/81/100 |
| 208-230/3/60 | FLA/MCA/MOP | 29/35/40 | 31/37/50 | 35/43/50 | 57/69/70 |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 14/18/20 | 18/21/25 | 27/33/35 |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 19/22/35 | 23/27/40 | 33/38/60 | 38/45/70 |
| 208-230/3/60 | FLA/MCA/MOP | 12/14/20 | 14/16/25 | 18/22/35 | 23/28/40 |
| 460/3/60 | FLA/MCA/MOP | 6.0/7.1/15 | 6.9/8.2/15 | 10/12/15 | 12/14/20 |
| Evaporator fan motor data | | | | | |
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## WATER COOLED: Electrical data at OPTIONAL airflow
## Packaged or split indoor systems with single power source with NEXT SIZE MOTOR*

| *Model Number* | | *DAPW-2.5* | *DAPW-03* | *DAPW-04* | *DAPW-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 49/60/70 | 54/65/70 | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 32/39/40 | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 15/19/20 | 18/22/25 | N/A |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/22/25 | N/A |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 28/34/45 | 33/39/50 | 41/49/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 21/25/30 | 23/28/35 | 28/33/40 | N/A |
| 460/3/60 | FLA/MCA/MOP | 10/12/15 | 12/14/15 | 14/17/20 | N/A |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 49/59/70 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 36/43/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 18/21/25 | N/A |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 49/60/70 | 54/65/70 | 62/75/90 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 29/36/40 | 32/39/40 | 36/44/50 | N/A |
| 460/3/60 | FLA/MCA/MOP | 14/17/20 | 15/19/20 | 18/22/25 | N/A |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 20/24/35 | 25/29/40 | 33/39/60 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 15/18/25 | 20/23/35 | N/A |
| 460/3/60 | FLA/MCA/MOP | 6.3/7.4/15 | 7.9/9.2/15 | 10/12/15 | N/A |
| Evaporator fan motor data | *Next Size Motor* | | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Compressor data | | | | | |
| Tons | | 2.5 | 3 | 4 | 5 |
| 208-230/1/60 | FLA | 13.5 | 16.0 | 23.7 | 28.8 |
| 208-230/3/60 | FLA | 9.0 | 10.3 | 13.5 | 17.3 |
| 460/3/60 | FLA | 4.5 | 5.1 | 7.4 | 9.0 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

* Next size motor applies to evaporator motor only, condenser motor remains standard.

## CHILLED WATER: Electrical data at STANDARD airflow

| *Model Number* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 32/40/45 | 34/43/45 | 36/45/50 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 20/25/30 | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | 8.6/11/15 | 9.0/11/15 | 9.3/12/15 | 18/22/25 |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 36/45/50 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 9.3/12/15 | 18/22/25 |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 12/15/20 | 13/17/20 | 15/19/20 | 17/21/25 |
| 208-230/3/60 | FLA/MCA/MOP | 10/13/15 | 11/14/15 | 12/15/20 | 13/16/20 |
| 460/3/60 | FLA/MCA/MOP | 4.8/6.0/15 | 5.2/6.5/15 | 5.5/6.9/15 | 6.5/8.1/15 |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 23/29/30 | 25/31/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 20/25/30 | 21/26/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 9.2/12/15 | 10/13/15 |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 32/40/45 | 33/42/45 | 36/45/50 | 38/47/50 |
| 208-230/3/60 | FLA/MCA/MOP | 19/24/25 | 20/25/30 | 20/25/30 | 38/48/50 |
| 460/3/60 | FLA/MCA/MOP | 8.6/11/15 | 9.0/11/15 | 9.3/12/15 | 18/22/25 |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 3.5/4.4/15 | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 |
| 208-230/3/60 | FLA/MCA/MOP | 2.2/2.8/15 | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 |
| 460/3/60 | FLA/MCA/MOP | 1.1/1.4/15 | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 |

| Fan motor data | | | | | |
|---|---|---|---|---|---|
| Horsepower | | 1/2 | 3/4 | 1 | 1-1/2 |
| 208-230/1/60 | FLA | 4.0 | 5.3 | 6.4 | 8.8 |
| 208-230/3/60 | FLA | 2.2 | 3.0 | 3.6 | 4.8 |
| 460/3/60 | FLA | 1.1 | 1.5 | 1.8 | 2.4 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## CHILLED WATER: Electrical data at STANDARD airflow with NEXT SIZE MOTOR

| *Model Number* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 18/23/25 |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 13/17/20 | 15/19/20 | 17/21/25 | 17/22/25 |
| 208-230/3/60 | FLA/MCA/MOP | 11/14/15 | 12/15/20 | 13/16/20 | 14/18/20 |
| 460/3/60 | FLA/MCA/MOP | 5.2/6.5/15 | 5.5/6.9/15 | 6.5/8.1/15 | 6.7/8.4/15 |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 25/31/35 | 26/32/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/26/30 | 22/28/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 10/13/15 |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/20 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |

| Fan motor data | | *Next Size Motor* | | | |
|---|---|---|---|---|---|
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## CHILLED WATER: Electrical data at OPTIONAL airflow

| *Model Number* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 18/23/25 |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 13/17/20 | 15/19/20 | 17/21/25 | 17/22/25 |
| 208-230/3/60 | FLA/MCA/MOP | 11/14/15 | 12/15/20 | 13/16/20 | 14/18/20 |
| 460/3/60 | FLA/MCA/MOP | 5.2/6.5/15 | 5.5/6.9/15 | 6.5/8.1/15 | 6.7/8.4/15 |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and STANDARD MOTOR | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 25/31/35 | 26/32/35 |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 21/26/30 | 22/28/30 |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | 10/13/15 |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 34/43/45 | 36/45/50 | 38/47/50 | 38/48/50 |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 20/25/30 | 21/27/30 | 39/49/50 |
| 460/3/60 | FLA/MCA/MOP | 9.0/11/15 | 9.3/12/15 | 10/13/15 | 18/23/25 |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO**, and STANDARD MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 5.3/6.6/15 | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/20 |
| 208-230/3/60 | FLA/MCA/MOP | 3.0/3.8/15 | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 |
| 460/3/60 | FLA/MCA/MOP | 1.5/1.9/15 | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 |

| Fan motor data | | | | | |
|---|---|---|---|---|---|
| Horsepower | | 3/4 | 1 | 1-1/2 | 2 |
| 208-230/1/60 | FLA | 5.3 | 6.4 | 8.8 | 10.5 |
| 208-230/3/60 | FLA | 3.0 | 3.6 | 4.8 | 6.2 |
| 460/3/60 | FLA | 1.5 | 1.8 | 2.4 | 3.1 |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## CHILLED WATER: Electrical data at OPTIONAL airflow with NEXT SIZE MOTOR

| *Model Number* | | *DAPC-2.5* | *DAPC-03* | *DAPC-04* | *DAPC-05* |
|---|---|---|---|---|---|
| Electrical data based on: electric reheat - **YES**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 36/45/50 | 38/47/50 | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 21/27/30 | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | 9.3/12/15 | 10/13/15 | 11/13/15 | N/A |
| Electrical data based on: electric reheat - **YES**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 11/13/15 | N/A |
| Electrical data based on: electric reheat - **NO**, 5 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 15/19/20 | 17/21/25 | 17/22/25 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 12/15/20 | 13/16/20 | 14/18/20 | N/A |
| 460/3/60 | FLA/MCA/MOP | 5.5/6.9/15 | 6.5/8.1/15 | 6.7/8.4/15 | N/A |
| Electrical data based on: electric reheat - **NO**, 10 lb/hr steam generator humidifier - **YES**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | N/A | N/A | 26/32/35 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | N/A | N/A | 22/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | N/A | N/A | 10/13/15 | N/A |
| Electrical data based on: electric reheat - **YES**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 36/45/50 | 38/47/50 | 38/48/50 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 20/25/30 | 21/27/30 | 23/28/30 | N/A |
| 460/3/60 | FLA/MCA/MOP | 9.3/12/15 | 10/13/15 | 11/13/15 | N/A |
| Electrical data based on: electric reheat - **NO**, steam generator humidifier - **NO**, and NEXT SIZE MOTOR. | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/15 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 3.6/4.5/15 | 4.8/6.0/15 | 6.0/7.5/15 | N/A |
| 460/3/60 | FLA/MCA/MOP | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 | N/A |
| Fan motor data | | *Next Size Motor* | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

## Supplemental Electrical Data

**A. Split systems with indoor evaporator section and indoor condensing unit - dual power source**

Electrical data for indoor condensing units with NEXT SIZE condenser fan motor.

| ***Model Number*** | | ***DAAC-2.5*** | ***DAAC-03*** | ***DAAC-04*** | ***DAAC-05*** |
|---|---|---|---|---|---|
| Next size condenser motor | | | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Condensing Unit | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 20/24/35 | 25/29/40 | 33/39/60 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 13/15/20 | 15/18/25 | 20/23/35 | N/A |
| 460/3/60 | FLA/MCA/MOP | 6.3/7.4/15 | 7.9/9.2/15 | 10/12/15 | N/A |

**B. Split systems with indoor evaporator/condensing section and indoor condenser - dual power source**

Electrical data for indoor condenser with NEXT SIZE condenser fan motor.

| ***Model*** | | ***DAIC-2.5*** | ***DAIC-03*** | ***DAIC-04*** | ***DAIC-05*** |
|---|---|---|---|---|---|
| Next size condenser motor | | | | | |
| Horsepower | | 1 | 1-1/2 | 2 | N/A |
| 208-230/1/60 | FLA | 6.4 | 8.8 | 10.5 | N/A |
| 208-230/3/60 | FLA | 3.6 | 4.8 | 6.2 | N/A |
| 460/3/60 | FLA | 1.8 | 2.4 | 3.1 | N/A |
| Condenser | | | | | |
| 208-230/1/60 | FLA/MCA/MOP | 6.8/8.5/15 | 8.8/11/15 | 9.3/12/15 | N/A |
| 208-230/3/60 | FLA/MCA/MOP | 3.6/4.5/15 | 4.8/7.1/15 | 6.0/7.5/15 | N/A |
| 460/3/60 | FLA/MCA/MOP | 1.8/2.3/15 | 2.8/3.5/15 | 3.0/3.8/15 | N/A |

FLA - Full load amps MCA - Minimum circuit amps (wire sizing amps) MOP - Maximum over-current protection device amps

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