

**Standard Features**

- ▶ Cooling only or Reverse cycle Condensing Unit
- ▶ Available in 208-230/1/60 (3-5 ton), 208-230/3/60, and 460/3/60 input models.
- ▶ Available in 200-220/1/50 (3-5 ton) and 380-415/3/50 input models
- ▶ Dependable and quiet Copeland Scroll compressor
- ▶ Seawater condenser constructed of copper outer jacket & 90-10 cupronickel inner tube for corrosion resistance
- ▶ Available for use with Mechanical and Digital Thermostats
- ▶ Suction line accumulator for low load compressor protection
- ▶ Electric box contains the start & run capacitors, start relay and contactors for all single phase input models. Three phase units include contactors
- ▶ Electric box can be remote mounted up to 6' ( 2m ) away from the unit.
- ▶ High refrigerant pressure, automatic reset switch
- ▶ Low refrigerant pressure, automatic reset switch
- ▶ Compressor is vibration mounted for quiet operation
- ▶ Stainless steel drain pan to catch any condensate formed on the unit
- ▶ Base valves with Nylon stem caps and brass caps over the charging & access ports
- ▶ Can be used in environments up to 140° F ( 60° C )
- ▶ White enamel finish
- ▶ R-407C Refrigerant

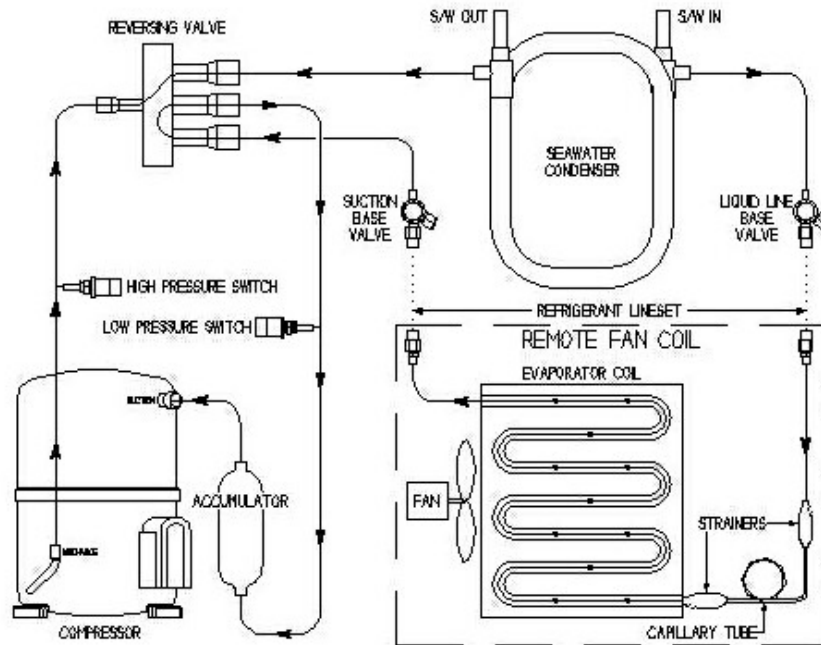


| A | 5                            | DX                                 | H                                | S                               | G                                     | C      | Model Number Nomenclature |             |
|---|------------------------------|------------------------------------|----------------------------------|---------------------------------|---------------------------------------|--------|---------------------------|-------------|
|   |                              |                                    |                                  |                                 |                                       | C      | 208-230/1/60              |             |
|   |                              |                                    |                                  |                                 |                                       | CK     | 200-220/1/50              |             |
|   |                              |                                    |                                  |                                 |                                       | D      | 208-230/3/60              | Input Power |
|   |                              |                                    |                                  |                                 |                                       | E      | 440-460/3/60              |             |
|   |                              |                                    |                                  |                                 |                                       | EK     | 380-415/3/50              |             |
|   |                              |                                    |                                  |                                 | G                                     | R-407C |                           | Refrigerant |
|   |                              |                                    |                                  | Z                               | AQS3 Three Knob Mechanical Thermostat |        |                           |             |
|   |                              |                                    |                                  | S                               | TSV Sapphire Digital Thermostat       |        |                           |             |
|   |                              |                                    |                                  | T                               | TW2 Tempwise Digital Thermostat       |        |                           |             |
|   |                              |                                    | Blank                            | Cooling Only                    |                                       |        |                           |             |
|   |                              |                                    | H                                | Reverse Cycle (Cooling/Heating) |                                       |        |                           |             |
|   |                              | DX                                 | Direct Expansion Condensing Unit |                                 |                                       |        |                           |             |
|   | Tons                         | Rated Capacity @ Input Power (3-6) |                                  |                                 |                                       |        |                           |             |
| A | Alpha Series Condensing Unit |                                    |                                  |                                 |                                       |        |                           |             |

| Technical Specifications                     |                           |                        |                               |                  |                  |
|--|---------------------------|------------------------|-------------------------------|------------------|------------------|
| Model  |                           | A3DX                   | A4DX                          | A5DX             | A6DX             |
| <b>Capacity</b>                              | <b>BTU/HR<br/>KCAL/HR</b> | 36,000<br>9,000        | 48,000<br>12,000              | 60,000<br>15,000 | 72,000<br>18,000 |
| <b>Length</b>                                | <b>inches / mm</b>        | 24" / 610mm            |                               |                  |                  |
| <b>Width</b>                                 | <b>inches / mm</b>        | 12" / 305mm            |                               |                  |                  |
| <b>Height</b>                                | <b>inches / mm</b>        | 18" / 457mm            |                               |                  |                  |
| <b>Weight</b>                                | <b>Lbs / Kgs</b>          | 138 / 63               | 139 / 64                      | 143 / 65         | 147 / 67         |
| <b>Suction Line Service Valve Connection</b> |                           | 3/4" male<br>45° flare | 7/8" ODS<br>Solder Connection |                  |                  |
| <b>Liquid Line Service Valve Connection</b>  |                           | 1/2" male<br>45° flare |                               |                  |                  |
| <b>Seawater Connection</b>                   | <b>inches / mm</b>        | 1" / 25mm OD           |                               |                  |                  |
| <b>Drain</b>                                 | <b>inches / mm</b>        | 1/2" / 13mm OD         |                               |                  |                  |

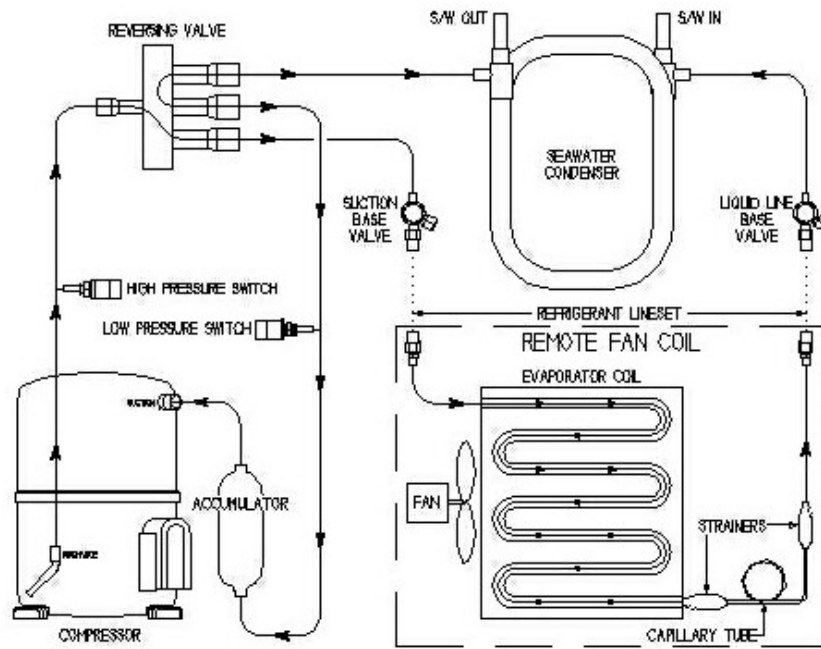
| Performance Specifications |          |         |      |              |       |    |                          |                     |                             |
|----------------------------|----------|---------|------|--------------|-------|----|--------------------------|---------------------|-----------------------------|
| MODEL                      | CAPACITY |         |      | POWER SUPPLY |       |    | FULL LOAD<br>AMPS<br>FLA | POWER<br>INPUT<br>W | LOCKED<br>ROTOR AMPS<br>LRA |
|                            | BTU/HR   | KCAL/HR | TONS | VOLTAGE      | PHASE | Hz |                          |                     |                             |
| A3DXxxGC                   | 36,000   | 9,000   | 3.0  | 208-230      | 1     | 60 | 10.6                     | 2255                | 88                          |
| A3DXxxGD                   | 36,000   | 9,000   | 3.0  | 208-230      | 3     | 60 | 7.6                      | 2210                | 77                          |
|                            | 30,000   | 7,500   | 2.5  | 200-220      | 3     | 50 | 7.5                      | 1834                | 76                          |
| A3DXxxGE                   | 36,000   | 9,000   | 3.0  | 460          | 3     | 60 | 3.8                      | 2210                | 39                          |
|                            | 30,000   | 7,500   | 2.5  | 380-415      | 3     | 50 | 3.7                      | 1834                | 38                          |
| A3DXxxGEK                  | 36,000   | 9,000   | 3.0  | 380-415      | 3     | 50 | 4.6                      | 2450                | 44                          |
| A4DXxxGC                   | 48,000   | 12,000  | 4.0  | 208-230      | 1     | 60 | 14.4                     | 3055                | 129                         |
| A4DXxxGCK                  | 48,000   | 12,000  | 4.0  | 200-220      | 1     | 50 | 15.1                     | 3125                | 140                         |
| A4DXxxGD                   | 48,000   | 12,000  | 4.0  | 208-230      | 3     | 60 | 9.3                      | 3005                | 120                         |
|                            | 40,000   | 10,000  | 3.3  | 200-220      | 3     | 50 | 9.2                      | 2450                | 88                          |
| A4DXxxGE                   | 48,000   | 12,000  | 4.0  | 460          | 3     | 60 | 4.7                      | 3005                | 60                          |
|                            | 40,000   | 10,000  | 3.3  | 380-415      | 3     | 50 | 4.6                      | 2450                | 44                          |
| A4DXxxGEK                  | 48,000   | 12,000  | 4.0  | 380-415      | 3     | 50 | 5.7                      | 3005                | 58                          |
| A5DXxxGC                   | 60,000   | 15,000  | 5.0  | 208-230      | 1     | 60 | 18.2                     | 3765                | 169                         |
| A5DXxxGD                   | 60,000   | 15,000  | 5.0  | 208-230      | 3     | 60 | 11.6                     | 3655                | 137                         |
|                            | 50,000   | 12,500  | 4.0  | 200-220      | 3     | 50 | 11.4                     | 3005                | 115                         |
| A5DXxxGE                   | 60,000   | 15,000  | 5.0  | 460          | 3     | 60 | 5.8                      | 3765                | 85                          |
|                            | 50,000   | 12,500  | 4.0  | 380-415      | 3     | 50 | 5.7                      | 3005                | 58                          |
| A5DXxxGEK                  | 60,000   | 15,000  | 5.0  | 380-415      | 3     | 50 | 7.4                      | 3615                | 43                          |
| A6DXxxGD                   | 72,000   | 18,000  | 6.0  | 208-230      | 3     | 60 | 13.2                     | 4220                | 156                         |
|                            | 60,000   | 14,000  | 4.7  | 200-220      | 3     | 50 | 13                       | 3490                | 172                         |
| A6DXxxGE                   | 72,000   | 18,000  | 6.0  | 460          | 3     | 60 | 6.6                      | 4220                | 75                          |
|                            | 60,000   | 14,000  | 4.7  | 380-415      | 3     | 50 | 6.5                      | 3490                | 74                          |

# REMOTE SYSTEM



COOLING CYCLE REFRIGERANT FLOW

88742000



HEATING CYCLE REFRIGERANT FLOW

88742000

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