<table>
<thead>
<tr>
<th>Sheet No.</th>
<th>Component /Detail</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Drawing Guide</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Drawing guide.</td>
</tr>
<tr>
<td>2</td>
<td>Isometric External View</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Isometric External View.</td>
</tr>
<tr>
<td>3</td>
<td>General Arrangement</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, General Arrangement.</td>
</tr>
<tr>
<td>4</td>
<td>Top &amp; Bottom View</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Top &amp; Bottom View.</td>
</tr>
<tr>
<td>5</td>
<td>Anchoring Details</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Anchoring Details.</td>
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<tr>
<td>6-8</td>
<td>Internal View</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Internal View.</td>
</tr>
<tr>
<td>9</td>
<td>Drain Line Pump Conn.</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Drain Line Pump Conn.</td>
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<tr>
<td>10</td>
<td>Supply Return Conn.</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, Supply Return Conn.</td>
</tr>
<tr>
<td>11</td>
<td>User Interface</td>
<td>ACRD600P-601P-602P, 200-240V 50-60 Hz, 460-480V 60 Hz, 380-415V 50-60Hz Air Cooled, User Interface.</td>
</tr>
</tbody>
</table>

**LEGEND**

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="shut-off-valve.png" alt="Symbol" /></td>
<td>SHUT OFF VALVE</td>
<td><img src="p-trap.png" alt="Symbol" /></td>
<td>P-Trap</td>
</tr>
<tr>
<td><img src="head-pressure-control-valve.png" alt="Symbol" /></td>
<td>HEAD PRESSURE CONTROL VALVE</td>
<td><img src="s-trap.png" alt="Symbol" /></td>
<td>S-Trap</td>
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<tr>
<td><img src="pressure-relief-valve.png" alt="Symbol" /></td>
<td>PRESSURE RELIEF VALVE</td>
<td><img src="inverted-trap.png" alt="Symbol" /></td>
<td>Inverted Trap</td>
</tr>
<tr>
<td><img src="check-valve.png" alt="Symbol" /></td>
<td>CHECK VALVE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MINIMUM SERVICE CLEARANCE PER NATIONAL, STATE & LOCAL CODE.
SEE NOTES 1 AND 4.

DISPLAY INTERFACE (REFER ENLARGED VIEW)

PERFORATED AREA (TYPICAL PATTERN)

STATUS LOG AND WARNING LIGHT
ACCESSORY/SERVICE PORT

DISPLAY INTERFACE
ENLARGED VIEW

NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
4. A MINIMUM OF 1200 mm [48"] CLEARANCE IS REQUIRED IN FRONT OR REAR OF THE ACRO UNIT IF THE UNIT HAS TO BE REMOVED FROM THE RACK.
5. PIPING CONFIGURATION - TOP OR BOTTOM OF UNIT.
6. FRONT AND REAR ACCESS IS REQUIRED FOR SERVICE.
7. NET WEIGHT OF UNIT:
   ACR0600P: 413 kg [911 lb]
   ACR0601P/ACR0602P: 422 kg [936 lb]
8. FLOOR LOADING:
   ACR0600: 643.3 kg/m² [131.83 lb/ft²]
   ACR0601/ACR0602: 626 kg/m² [128 lb/ft²]
9. THE INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
ANCHORING DETAILS

STABILIZING THE ROW RD:
TO PREVENT THE ENCLOSURE FROM MOVING FROM ITS FINAL LOCATION
(IF NOT BAYED TO ANOTHER DEVICE), USE AR7701 (BOLT-DOWN KIT)
ATTACH THE BRACKETS TO THE UNIT AS SHOWN.
USE CODE COMPLIANT FASTENERS TO SECURE THE UNIT TO THE FLOOR.

ACRD

NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS (INCHES).
4. BOLT-DOWN KIT (SKU: AR7721) IS OPTIONAL AND HAS TO BE ORDERED SEPARATELY.
SUPPLY AND RETURN CONNECTIONS (TOP AND BOTTOM PIPING)

COPPER TUBING (FIELD SUPPLIED/INSTALLED)

ROTLLOCK CONNECTOR
FEMALE STRAIGHT
1 1/4"-3/4" SWT (875-4286)

ROTLLOCK GASKET
1 1/4" TEFLO N RINGS (875-4294)

OUTSIDE ACRD
INSIDE ACRD

ROTLLOCK CONNECTOR
MALE STRAIGHT
1 1/4"-3/4" SWT (875-4285)

ROTLLOCK CONNECTOR
MALE STRAIGHT
1 1/4"-3/4" SWT (875-4285)

CONDENSATE OVER FLOW LINE

7/8" ID HOSE ADAPTER (660-7002B)

CLAMP FOR HOSE ADAPTER,
DOUBLE GRIP 27 – 31mm (875-00009)

INSIDE ACRD
OUTSIDE ACRD

22mm [7/8"] COPPER TUBING
(FIELD SUPPLIED/INSTALLED)

NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION.
3. RECOMMENDED TORQUE FOR 1 1/4" ROTLOCK IS 90 Nm [65.4 ft-lb].
4. RECOMMENDED BRAZING ALLOY IS AWS A5.8 BOF-5.
5. FIELD SUPPLIED/INSTALLED COPPER TUBING IS DESIGNATED TO BUILDING DWV SYSTEM OR DRAIN PAN.
**ELECTRICAL PANEL**

1. Transformers
2. User Interface Connectors
3. Main Controller Board
4. Relay Board
5. Ground Lug
6. Main Circuit Breaker
7. Compressor Fuse Block
   - (ACR060P, ACR0601P)
   - Compressor Circuit Breaker
     - (ACR0802P)
8. Fan Circuit Breakers
9. Controller Fuse
10. Heater Circuit Breaker
11. Humidifier Circuit Fuse
12. Heater Contactor
13. Humidifier Contactor

**USER INTERFACE CONNECTORS**

1. Rack Inlet temperature sensors 1, 2, 3
2. A-Link in (with provided RJ-45 terminator)
3. A-Link OUT (with provided RJ-45 terminator)
4. Network port
5. Customer Output NC (Normally Closed)
6. Customer Output COM (Common)
7. Customer Output NO (Normally Open)
8. Supply GND
9. Supply 12 Vdc (current limit 20mA)
10. Supply 24 Vdc (current limit 20mA)
11. Customer Input + (12-30Vac/Vdc, 24Vac@11mA)
12. Supply COM
13. Modbus D1 (RXTX+)
14. Modbus D0 (RXTX-)
15. Modbus GND
16. Supply air temperature sensor(front)
17. Supply air humidity sensor(front)
18. Terminator resistor (provided)
19. Modbus cable (RS-485)
20. LAN cable (10/100 Base-T)
21. CAT-5 ethernet cable

**NOTES**

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.