# ACSC100-101 - In Row SC, Air Cooled, Self Contained.

<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>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Drawing guide.</td>
</tr>
<tr>
<td>2</td>
<td>Isometric External View</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Isometric External View.</td>
</tr>
<tr>
<td>3</td>
<td>General Arrangement</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, General Arrangement.</td>
</tr>
<tr>
<td>4</td>
<td>Top &amp; Bottom View</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Top &amp; Bottom View.</td>
</tr>
<tr>
<td>5</td>
<td>Anchoring Details</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Anchoring Details.</td>
</tr>
<tr>
<td>6</td>
<td>Ceiling Tile Kit Details</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Ceiling Tile Kit Details.</td>
</tr>
<tr>
<td>7</td>
<td>Isometric Internal View</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Isometric Internal View.</td>
</tr>
<tr>
<td>8</td>
<td>Internal View</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Internal View.</td>
</tr>
<tr>
<td>9</td>
<td>Internal Piping</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Internal Piping.</td>
</tr>
<tr>
<td>10</td>
<td>Power Card Connection Details</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Power Card Connection Details.</td>
</tr>
<tr>
<td>11</td>
<td>Control &amp; User Interface</td>
<td>ACSC100-101,200-240V 50 Hz &amp; 60 Hz, Air Cooled, Control &amp; User Interface.</td>
</tr>
</tbody>
</table>

## LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
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</tr>
</thead>
<tbody>
<tr>
<td><img src="compressor.png" alt="Symbol" /></td>
<td>COMRESSOR</td>
<td><img src="electronic.png" alt="Symbol" /></td>
<td>ELECTRONIC HOT GAS BYPASS VALVE</td>
</tr>
<tr>
<td><img src="refrigerent.png" alt="Symbol" /></td>
<td>REFRIGERENT LIQUID CONTROL DRIER</td>
<td><img src="thermostat.png" alt="Symbol" /></td>
<td>THERMOSTATIC EXPANSION VALVE</td>
</tr>
<tr>
<td><img src="condensate.png" alt="Symbol" /></td>
<td>CONDENSATE PUMP</td>
<td><img src="distributor.png" alt="Symbol" /></td>
<td>DISTRIBUTOR</td>
</tr>
</tbody>
</table>
1. DOOR LOCK
2. REMOVABLE FRONT DOOR
3. DISPLAY INTERFACE
4. CASTERS
   (FRONT=SWIVELING
    REAR=NON-SWIVELING)
5. EXHAUST AIR DUCTS
6. INTAKE AIR DUCT
7. REMOVABLE REAR DOOR
8. PANEL LATCH LOCK
9. CABLE TROUGHS (OPTIONAL)
10. REMOVABLE SIDE PANELS
11. LEVELING FEET (4 PLACES)
NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS (INCHES).
4. FRONT AND REAR ACCESS IS REQUIRED FOR SERVICE.
5. A MINIMUM OF 1200mm (48") CLEARANCE IS REQUIRED IN FRONT OR REAR OF THE ACSC UNIT IF THE UNIT HAS TO BE REMOVED FROM THE ROW.
6. 0.2" WC EXTERNAL STATIC PRESSURE DROP IN EXHAUST AIR DUCT.
7. NET WEIGHT OF UNIT IS 166 kg (363 lb).
8. FLOOR LOADING: 520 kg/meter² (107 psf).
9. THIS INFORMATION PROVIDED CONSERVATIVE CENTER OF GRAVITY CALCULATION.
NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
**Installation Notes:**

1. Installation shall comply with all applicable national, state, and local electrical regulations.
2. Please refer to product manuals for additional details prior to installation and site preparation work.
3. Unless otherwise specified, all dimensions are in millimeters (inches).
4. Bolt down kit (AR7701) is optional and has to be ordered separately.
5. Refer to “InfraStructure InRow-SC seismic installation guide” for anchoring details.

**Technical Specifications:**

- **Recommended Torque:** 9-11.3 N-m [80-100 lbs-inches]

**Stabilizing the InRow SC:**

To prevent the enclosure from moving from its final location, if not joined with another component use AR7701 (bolt-down kit) to attach the brackets to the unit as shown.

Use code compliant fasteners to secure the unit to the floor.

**InRow-SC Unit:**

- Top View
- Front View
- Rear View

**4-Places**

**Note:**

- It is not recommended to pre-drill holes before placing SC units in row.

**Drawing Details:**

- Dimensions provided in millimeters and inches.
- Diagram includes key measurements and placement of bolt-down brackets.

**Drawing Information:**

- Drawing No.: ACSC100-101
- Status: [Details not visible in the image]
ISOMETRIC VIEWS
(Doors, side panels, and piping insulation removed)

High Voltage Box
Detail-B (Refer to Sheet-10)

Bracket, SX Baying
Refrigeration Filter / Dryer
Thermal Expansion Valve
Bracket, SX Baying
Evaporator Fans

Detail-A (Refer to Sheet-10)
Condenser Coil
Condenser Fan Assembly
Power Supply
Control & Electronics Enclosure
Air Filter, Standard 13mm (1/2-Inch) Washable
Compressor
Evaporator Coil
Condensate Line
Float Switches
Condensate Pan (Bottom)

Notes:
1. Installation shall comply with all applicable national, state, and local electrical regulations.
2. Please refer to product manuals for additional details prior to installation and site preparation work.
POWER CORD CONNECTIONS

ACSC100, 200–240V, 60Hz

DETAIL-A (ENLARGED)
TOP CABLE ENTRY

POWER CORD
IEC-C19 TO
NEMA L6-20P

TOP POWER
RECEPTACLE

DETAIL-B (ENLARGED)
BOTTOM CABLE ENTRY

POWER CORD
NEMA L6-20P

SLIDE COVER PLATE
TO CAPTURE
POWER CORD

GROMMET

PLUG POWER CORD INTO
THE HIGH VOLTAGE BOX

ACSC101, 200–240V, 50Hz

POWER CORD
IEC-C19 TO
IEC 309 16A 2P+E

DETAIL-A (ENLARGED)
TOP CABLE ENTRY

TOP POWER
RECEPTACLE

DETAIL-B (ENLARGED)
BOTTOM CABLE ENTRY

POWER CORD
IEC 309 16A 2P+E

SLIDE COVER PLATE
TO CAPTURE
POWER CORD

GROMMET

PLUG POWER CORD INTO
THE HIGH VOLTAGE BOX

NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
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