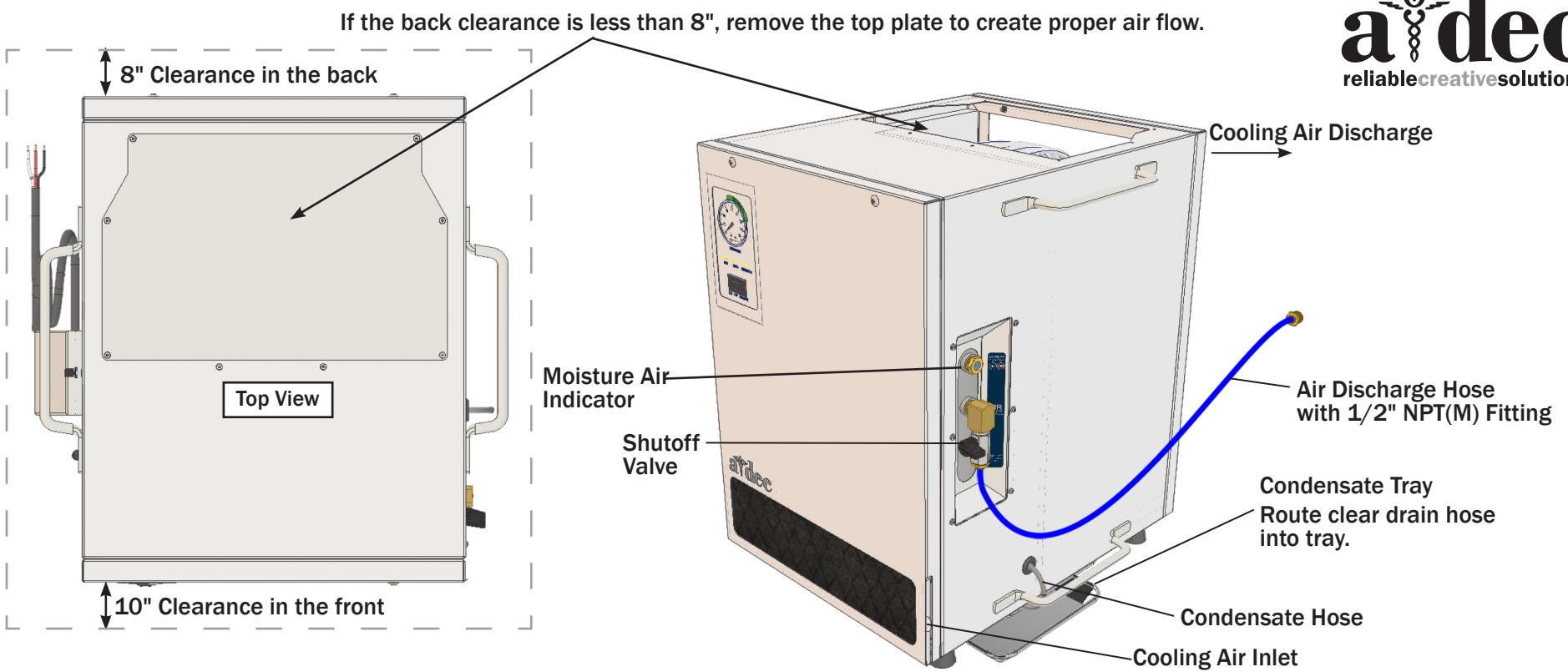
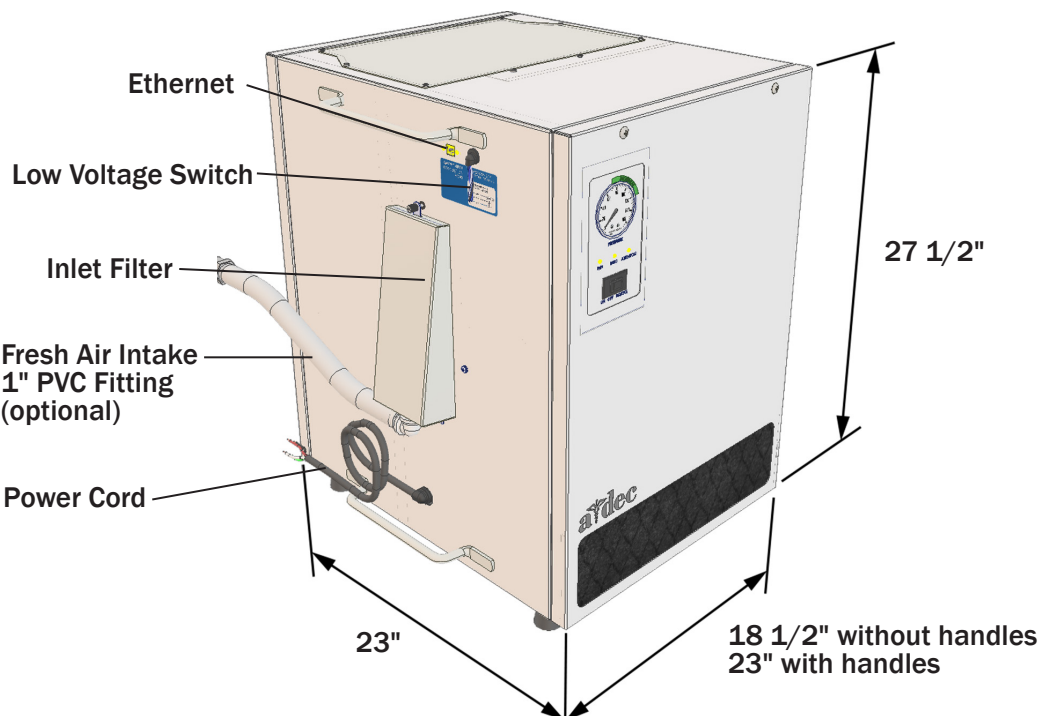


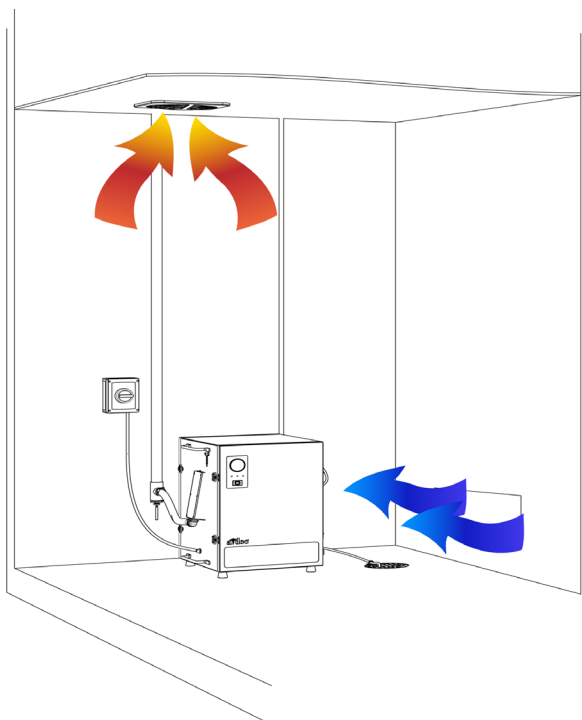
A-dec SC Air Compressor Quick Reference



Adequate Air Cooling

Adequate cooling air is required. All compressor models are installed and operated in a thermostatically or otherwise stable ambient temperature environment. Forced air and HVAC input are recommended for use in addition to an exhaust fan if normal ambient temperatures vary from specified operating temperature range.

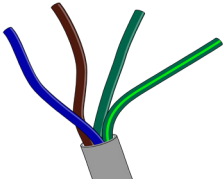
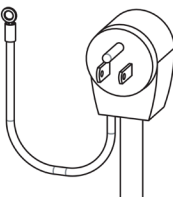
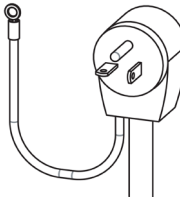
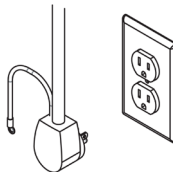
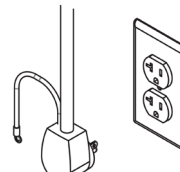
The operating temperature range of the compressor is 40° F to 104° F. Compressor life is directly affected by the operating temperature.



| Model | Maximum Heat Rejection | CFM Cooling Fan * |
|-------|------------------------|-------------------|
| SC3   | 2,600 BTU/hr           | 200               |
| SC5   | 3,800 BTU/hr           | 230               |
| SC7   | 5,000 BTU/hr           | 350               |
| SC10  | 6,400 BTU/hr           | 460               |
| SC12  | 7,650 BTU/hr           | 480               |

\* based on 80° F cooling air available and 100° F maximum mechanical room temperature. This does not account for overall mechanical room size and additional heat sources. Consult an HVAC specialist for proper temperature range.

Electrical Requirements

| SC3                                                                                                                                                                                                            | SC5      | SC7         | SC10      | SC12      | SC3.120                                                                                                                                                   | SC5.120                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-----------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Circuit Breaker Size                                                                                                                                                                                  |          |             |           |           |                                                                                                                                                           |                                                                                                                                                           |
| 15 Amp                                                                                                                                                                                                         | 15 Amp   | 15 Amp      | 20 Amp    | 20 Amp    | 15 Amp Outlet Required                                                                                                                                    | 20 Amp Outlet Required                                                                                                                                    |
| <div></div> <div>Hard Wired Connection<br/>(Blue/Brown/Green/Green)</div>                                                 |          |             |           |           | <div></div> <div>NEMA 5-15P Plug<br/>(w/extra ground)</div>          | <div></div> <div>NEMA 5-20P Plug<br/>(w/extra ground)</div>          |
| Maximum Current Draw                                                                                                                                                                                           |          |             |           |           |                                                                                                                                                           |                                                                                                                                                           |
| SC3                                                                                                                                                                                                            | SC5      | SC7         | SC10      | SC12      | SC3.120                                                                                                                                                   | SC5.120                                                                                                                                                   |
| 6.0 Amps                                                                                                                                                                                                       | 8.8 Amps | 11.1 Amps   | 14.1 Amps | 16.5 Amps | 11.0 Amps                                                                                                                                                 | 16.2 Amps                                                                                                                                                 |
| p/n E0274 or E0275 *                                                                                                                                                                                           |          | p/n E0275 * |           |           |                                                                                                                                                           |                                                                                                                                                           |
| <div>* Acceptable voltage range is 215-240 VAC. Voltage outside range require a buck-boost transformer.</div> <div></div> |          |             |           |           | <div>Requires 120 V, 15 Amp,<br/>NEMA 5-15R Outlet</div> <div></div> | <div>Requires 120 V, 20 Amp,<br/>NEMA 5-20R Outlet</div> <div></div> |

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**CAUTION** Local regulation may require licensed plumbers and electricians to install utilities. All plumbing and utilities must conform to prevailing local codes.



For more information, scan the QR code above to access the *A-dec SC Air Compressor Installation Guide* (p/n 86.0890.00), also available in the Resource Center at [www.a-dec.com](http://www.a-dec.com).



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