

# Typical Specifications

<b>Model:</b>	<b>ARE</b>
<b>Description:</b>	Fan shall be a direct drive, roof mounted downblast, aluminum propeller exhaust ventilator with spun aluminum cover.
<b>Standard Construction:</b>	The fan shall be of welded and bolted construction utilizing corrosion resistant fasteners. The spun aluminum components shall be constructed of heavy-gauge aluminum, bolted to an aluminum support structure for rigidity and strength. The aluminum base shall have continuously welded curb cap corners for added strength and maximum leak protection. The fan base shall have pre-punched mounting holes for ease of installation. The discharge skirt shall have a rolled bead for added strength. The aluminum motor cover shall have corrosion resistant fasteners to provide easy access into the motor compartment. An integral watertight conduit chase shall be provided through the curb cap and into the motor compartment to facilitate wiring connections. The motor shall be isolated from the unit structure with U-spring isolators to reduce vibration and sound. The motor shall be enclosed in a weather-tight compartment, separated from the exhaust airstream and cooled by air isolated from the exhaust. The fan shall include a standard disconnect switch (except units with explosion proof motors). The fan shall bear a permanently attached nameplate displaying model and serial number of unit for future identification. Unit shall be factory run-tested after assembly.
<b>Propeller:</b>	Propeller shall be precision pitched heavy gauge aluminum design with steel hub keyed or bolted to the motor shaft. Propeller shall be statically and dynamically balanced in accordance with AMCA Standard 204-96, <i>Balance Quality and Vibration Levels for Fans</i> .
<b>Motors and Electrical:</b>	Motor shall be continuous duty type with permanently lubricated sealed bearings and furnished at the specified voltage, phase and enclosure.
<b>Options and Accessories:</b>	Optional accessories shall be provided either factory installed or field installed as detailed in the fan schedules.
<b>Certifications:</b>	Fan shall be listed by Underwriters Laboratories (UL 705) when specified in the fan schedule.
<b>Warranty:</b>	Manufacturer's warranty shall apply for a period of 5 years (housing and wheel) and 1 year (motor). See warranty certificate for details.
<b>Product:</b>	Fan shall be model ARE as manufactured by Soler & Palau USA of Jacksonville, FL, a division of Soler and Palau Ventilation Group.

# Typical Specifications

<b>Model:</b>	<b>ARS</b>
<b>Description:</b>	Fan shall be a direct drive, roof mounted downblast, aluminum propeller supply ventilator with spun aluminum cover.
<b>Standard Construction:</b>	The fan shall be of welded and bolted construction utilizing corrosion resistant fasteners. The spun aluminum components shall be constructed of heavy-gauge aluminum, bolted to an aluminum support structure for rigidity and strength. The aluminum base shall have continuously welded curb cap corners for added strength and maximum leak protection. The intake skirt shall have a rolled bead for added strength. The fan base shall have pre-punched mounting holes. The aluminum motor cover shall have corrosion resistant fasteners to provide easy access into the motor compartment. An integral watertight conduit chase shall be provided through the curb cap and into the motor compartment to facilitate wiring connections. The motor shall be isolated from the unit structure with U-spring isolators to reduce vibration and sound. The motor shall be enclosed in a weather-tight compartment, separated from the exhaust airstream and cooled by air isolated from the exhaust. The fan shall include a standard disconnect switch (except units with explosion proof motors). The fan shall bear a permanently attached nameplate displaying model and serial number of unit for future identification. The unit shall be factory run-tested after assembly.
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<b>Certifications:</b>	Fan shall be listed by Underwriters Laboratories (UL 705) when specified in the fan schedule.
<b>Warranty:</b>	Manufacturer's warranty shall apply for a period of 5 years (housing and wheel) and 1 year (motor). See warranty certificate for details.
<b>Product:</b>	Fan shall be model ARS as manufactured by Soler & Palau USA of Jacksonville, FL, a division of Soler & Palau Ventilation Group.