

# Typical Specifications

<b>Model:</b>	<b>SQD</b>
<b>Description:</b>	Fan shall be direct drive, duct mounted centrifugal square inline.
<b>Standard Construction:</b>	<p>The fan shall be of welded and bolted construction utilizing corrosion resistant fasteners. Housing shall be heavy gauge G90 galvanized steel with integral duct flanges and deep spun venturi inlet. Removable access doors shall be provided on two sides, sealed with neoprene gasketing. Fan housing shall accommodate universal mounting brackets for vertical or horizontal installation. 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.</p>
<b>Wheel:</b>	<p>Wheel shall be non-overloading backward inclined centrifugal, constructed of heavy-gauge aluminum, including a precision machined cast aluminum or steel hub (SQD60 has composite wheel). Wheel inlet shall overlap an aerodynamic aluminum venturi inlet cone to provide optimum air and sound performance. Wheel shall be balanced in accordance with AMCA Standard 204-96, <i>Balance Quality and Vibration Levels for Fans</i>.</p>
<b>Motors and Electrical:</b>	<p>Motor shall be heavy duty type with permanently lubricated sealed ball bearings and furnished at the specified voltage, phase and enclosure.</p>
<b>Certifications:</b>	<p>Fan shall be listed by Underwriters Laboratories (UL 705). Fan shall bear the AMCA certified ratings seal for sound and air performance.</p>
<b>Warranty:</b>	<p>Manufacturer's warranty shall apply for a period of 2 year. See warranty certificate for details.</p>
<b>Product:</b>	<p>Fan shall be model SQD as manufactured by Soler &amp; Palau-USA of Jacksonville, FL, a division of Soler &amp; Palau Ventilation Group.</p>



# Typical Specifications

<b>Model:</b>	<b>eSQD</b>
<b>Description:</b>	Fan shall be direct drive, duct mounted centrifugal square inline with an Electronically Commutated Motor (ECM)
<b>Standard Construction:</b>	The fan shall be of welded and bolted construction utilizing corrosion resistant fasteners. Housing shall be heavy gauge G90 galvanized steel with integral duct flanges and deep spun venturi inlet. Removable access doors shall be provided on two sides, sealed with neoprene gasketing. Fan housing shall accommodate universal mounting brackets for vertical or horizontal installation. 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.
<b>Wheel:</b>	Wheel shall be non-overloading backward inclined centrifugal, constructed of heavy-gauge aluminum, including a precision machined cast aluminum or steel hub (SQD60 has composite wheel). Wheel inlet shall overlap an aerodynamic aluminum venturi inlet cone to provide optimum air and sound performance. Wheel shall be balanced in accordance with AMCA Standard 204-96, <i>Balance Quality and Vibration Levels for Fans</i> .
<b>Motors and Electrical:</b>	Motor shall a DC electronic commutated motor (ECM) specifically designed for fan applications. Motor shall be heavy duty type with permanently lubricated sealed ball bearings and furnished at the specified voltage, phase and enclosure. The motor shall have a mounted potentiometer for easy speed adjustment.
<b>Certifications:</b>	Fan shall be listed by Underwriters Laboratories (UL 705). Fan shall bear the AMCA certified ratings seal for sound and air performance.
<b>Warranty:</b>	Manufacturer's warranty shall apply for a period of 2 year.

See warranty certificate for details.

**Product:**

Fan shall be model eSQD as manufactured by Soler & Palau-USA of Jacksonville, FL, a division of Soler & Palau Ventilation Group.