

1950 Vertical Blind Motorized Tilt & Traverse Track System

The Motorized Vertical Blind Track System as supplied by Am-Source International shall consist of a motor with a direct drive and return system, and headrail. The vanes by means of an internal belt, shall tilt (rotate) and traverse by use of a single motor.

MOTOR

The motor as supplied by Am-Source shall be asynchronous, capacitor start and run, single phase, 110 Volt AC, 60 Hz.

The motor shall have a bayonet-type connector that locks the motor onto the track.

The motor shall be located parallel to and behind the track on either the right or the left side as specified. For special applications the motor may be located parallel to and in front of the track.

The internal microprocessor controlled, electronic limit switches allow for automatic open and close stopping positions. Electronic limit switches allow motors to be wired in parallel.

The motor will use planetary gear reduction for output shaft rotation.

The motor shall be 8 1/4" long, 3 1/8" wide, 1 3/4" deep.

The motor shall be Underwriters Laboratories registered with thermal overload protector allowing approximately a 4 minute continuous running time cycle.

110 Volt AC, 4-conductor wiring shall power the motor via the four-prong motor coupling (plug) supplied by Am-Source. All on-site wiring shall be the responsibility of others in accordance with prevailing codes.

The motor shall be operated by a single-pole-double-throw switch supplied by Am-Source, or wireless remote supplied by Am-Source. Easily integrated to Home Theater or Home Automation Systems. Consult Am-Source for other operation options.

Headrail

The headrail track shall have exterior dimensions of 1 3/8 inch high by 1 3/4 inches wide, and shall be made of 6063-T satin clear anodized extruded aluminum.

Brackets (cam-style), as specified, are provided by Am-Source for wall mounting or ceiling mounting. Wall mount brackets are sent with a 5" projection (wall to center of track).

The track shall use a belt drive system that runs through internal belt-channels allowing for both inside and outside bends.

Maximum track length is 20 feet for straight track and 14 feet for curved track.

Maximum vane weight at 20 ounces per vane. Deduction for vanes 1 7/8".

Torque	3 Nm,
Traversing Speed	6 inches per sec.
RPM	110
Volts AC	115
Watts	140
Amps	1.2

For more information contact:

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