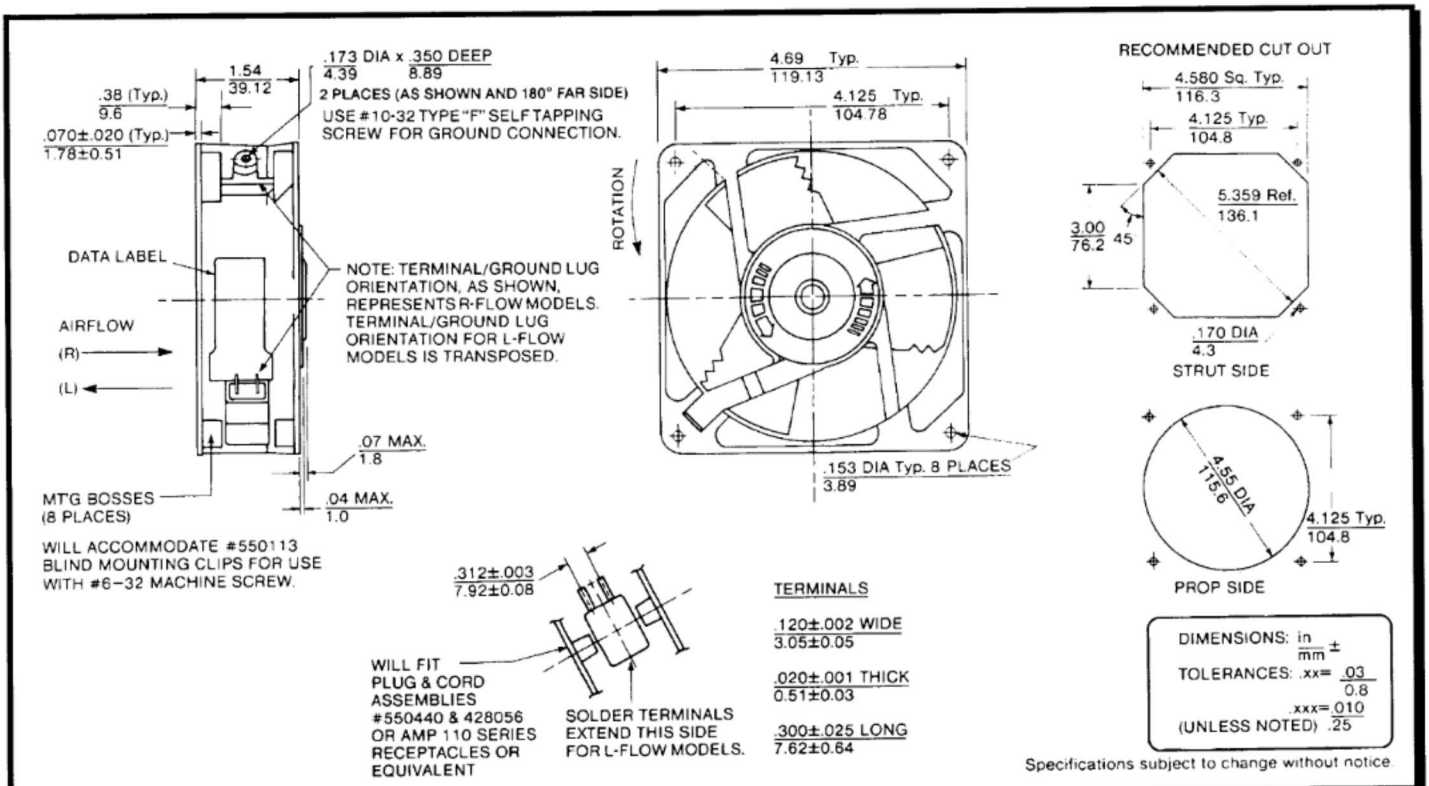
SPECIFICATIONS

Model Number: MX3B1-E1
Part Number: 039027

June 19, 2003

COMAIR ROTRON

Mechanical Drawing:



Motor:

Nominal Voltage	= 220/230 VAC
Frequency	= 50/60 Hz
Nominal Running Current	= 0.100 / 0.090 Amps
Locked Rotor Current	= 0.145 Amps
Running Power	= 17.0 / 16.0 Watts
Average Speed	= 2700 / 3100 RPM
Bearings	= Ball
Air Flow	= 92 / 108 CFM
Acoustic	= 43.4 / 51.0 dBA

Construction:
Venturi: Zinc Alloy, Black.
Propeller: Plastic, Black, UL 94V-0

Life Expectancy:
This fan is designed for continuous duty life of 55,000 hours at 40°C.

Additional Features:
Shaded pole induction motor
Automatic Restart Capability
Impedance Protection
Feather Edge Propeller

Operating Temperature:	-10°C to 70°C
Storage Temperature:	-40°C to 85°C

Enviroshield

Termination:
2 Terminals

Agency Approvals:
UL, CSA, VDE, CE

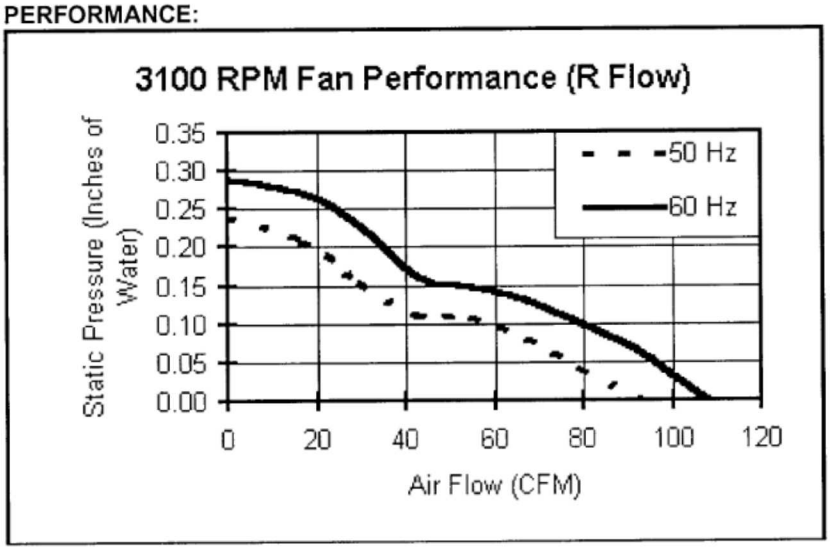
Muffin® XL AC

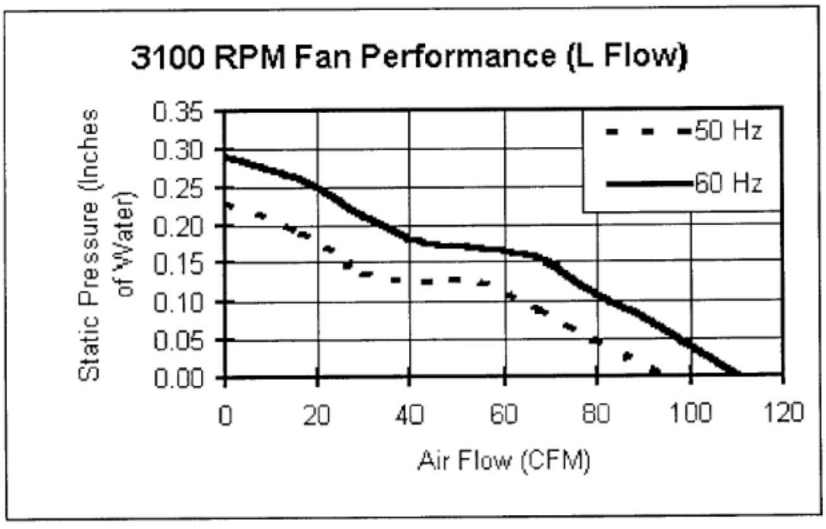
AC Tubeaxial Fan

FEATURES:

- Size: 4.69" sq. x 1.54" deep (120mm x 38mm)
- Air Flow: 105 to 115 CFM
- Voltage: 115 & 230 VAC (Special VAC Available)
- Operating Temperature Range: -10°C to +70°C
- Storage Temperature Range: -40°C to +85°C
- Ball Bearings
- Terminals
- Weight: 21 oz (.61 Kg)

PERFORMANCE:





SPECIFICATIONS:

Model No.	Part No.	VAC	Hz	Watts	Running Current (Amps)	Locked Rotor Current (Amps)	RPM	CFM	dBA	Features
MX2A1	028318	115	50/60	17/15	.20/.18	.28/.27	2700/3100	92/108	43.8/47.9	2,4
MX2A3	028316	115	50/60	17/15	.20/.18	.28/.27	2700/3100	98/115	45.6/50.0	2,4
MX2A4	028527	115	50/60	17/15	.20/.18	.28/.27	2700/3100	98/115	45.6/50.0	1,4
MX2A7	028541	115	50/60	17/15	.20/.18	.28/.27	2700/3100	98/115	45.6/50.0	2,4
MX2B1	028420	115	50/60	17/15	.20/.18	.28/.27	2700/3100	92/108	44.8/48.7	2,3
MX2B2	030519	115	50/60	17/15	.20/.18	.28/.27	2700/3100	92/108	44.8/48.7	1,3
MX2B3	028422	115	50/60	17/15	.20/.18	.28/.27	2700/3100	98/115	45.7/49.8	2,3
MX2B4	030389	115	50/60	17/15	.20/.18	.28/.27	2700/3100	98/115	45.7/49.8	1,3
MX2B7	028534	115	50/60	17/15	.20/.18	.28/.27	2700/3100	98/115	45.7/49.8	2,3
MX3A1	028326	220/230	50/60	17/16	.10/.09	.145/.140	2700/3100	92/108	43.8/47.9	2,4
MX3A3	028324	220/230	50/60	17/16	.10/.09	.145/.140	2700/3100	98/115	45.6/50.0	2,4
MX3A4	031003	220/230	50/60	17/16	.10/.09	.145/.140	2700/3100	98/115	45.6/50.0	1,4
MX3B1	028421	220/230	50/60	17/16	.10/.09	.145/.140	2700/3100	92/108	44.8/48.7	2,3
MX3B3	028423	220/230	50/60	17/16	.10/.09	.145/.140	2700/3100	98/115	45.7/49.8	2,3
MX23A1	028958	24	60	15	0.97	1.4	3100	108	47.9	2,4
MX62A3	030504	24	50/60	14	0.83	0.36	3100	115	49.8	2,4
MX70A3	028648	90	50/60		.27/.23	.30/.30	3100	115	49.8	2,4
MX77A1	028781	220/230	50/60	15	.09/.08	.13/.12	2600/3000	90/105		2,4
MX77A3	028792	220/230	50/60	15	.09/.08	.13/.12	2600/3000	96/112		2,4
MX77B3	028793	220/230	50/60	15	.09/.08	.13/.12	2600/3000	96/112		2,3
MX79A1	030553	115	50/60	15/14	.19/.16	.250/.225	2600/3000	90/105		2,4
MX79A2	030554	115	50/60	15/14	.19/.16	.250/.225	2600/3000	90/105		1,4

Click here to view diagram - MuffinXLAC.gif (73K)

FEATURES:

1. Leadwires
2. Terminals
3. Ball Bearings
4. Sleeve Bearings
5. Tachometer Output
6. Thermal Speed Control
7. Programmable Speed Control
8. Fan Performance Sensor

MOTOR:

- Two-Pole Shaded Pole Induction Motor
- Ball Bearings or Sleeve Bearings
- Impedance Protected
- 100% Dielectric Tested

CONSTRUCTION:

- Venturi - Zinc Alloy, Black
- Propeller - Polypropylene, Black, UL94V-0

LIFE EXPECTANCY:

- L10 Data - 85,000 hrs, @ 40°C

OPTIONS:

- Customized Harness Assemblies
- Threaded Mounting Holes Available