

EC HIGH EFFICIENCY MOTORIZED IMPELLERS

EC CENTRIFUGAL IMPELLERS (EC)

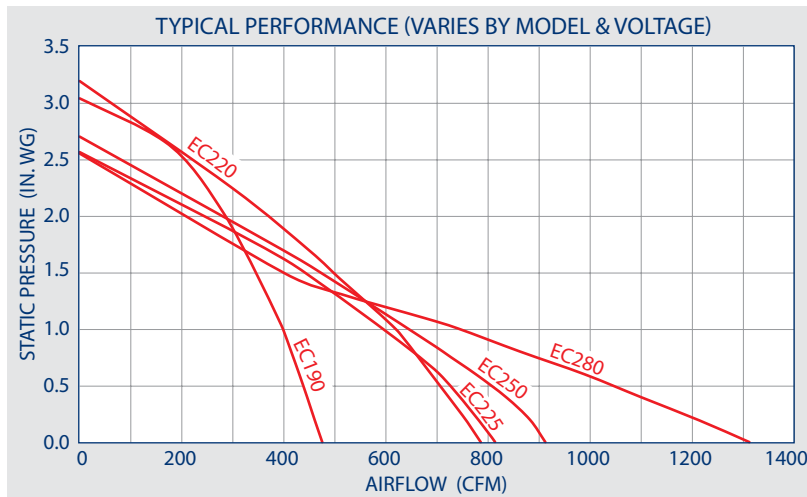
FEATURES & BENEFITS

- EC (Electronically Commutated) external rotor motor
- 1-10 VDC or PWM motor control
- High efficiency backward curved impeller
- Compact design, superior performance
- Matching inlet cones included
- Input voltage: 208 - 277V 50/60 Hz single phase
- Permissible ambient temperature range: -4 F to 140 F
- Capacities to 1,139 cfm
- ErP and RoHs compliant
- UL approved (all models except EC280-2B78-1292)



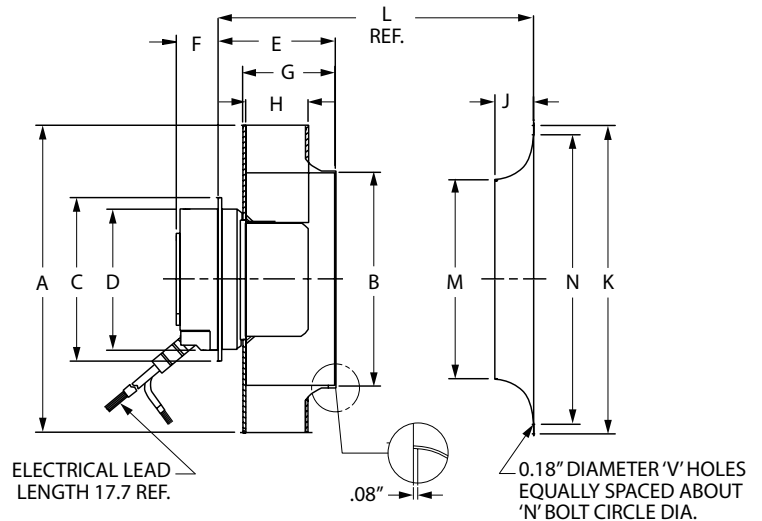
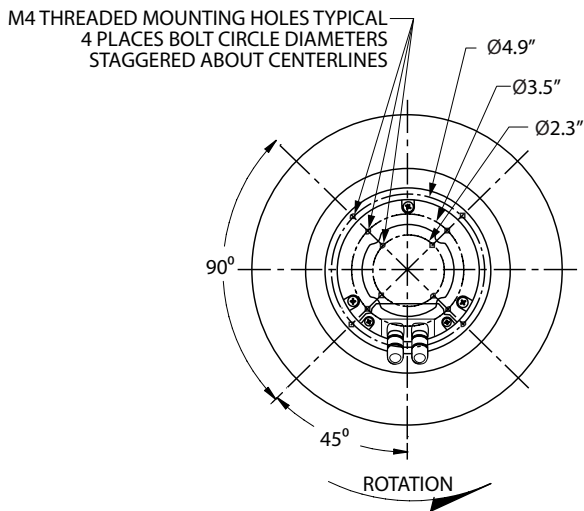
APPLICATIONS

- Heat exchangers
- Clean room modules
- Electronic cabinet cooling



208-277V - 1 PHASE		50/60 Hz PERFORMANCE			
PART NUMBER	CFM	RPM	WATTS	AMPS	dB(A)
EC190-2B34-1292	476	3980	134	1.1	82
EC220-2B42-1292	786	3600	166	1.3	83
EC225-2B65-1292	815	3000	135	1.1	79
EC250-2B61-1292	913	2800	150	1.2	82
EC280-2B78-1292	1314	2300	175	1.3	72

FOR OTHER VOLTAGES, CONSULT FACTORY.
ACTUAL PERFORMANCE MAY VARY BY APPLICATION.



MODEL	DIMENSIONS IN INCHES*														
	A	B	C	D	E	F	G	H	J	K	L	M	N	V	
EC190-2B34-1292	7.5	5.2	5.2	4.5	3.5	1.3	2.5	1.3	0.6	6.7	4.0	4.9	6.2	4	
EC220-2B42-1292	8.7	6.3	5.2	4.5	3.1	1.3	2.5	1.7	0.8	10.0	3.8	6.0	9.6	4	
EC225-2B65-1292	8.9	6.0	5.2	4.5	4.2	1.3	3.6	2.5	1.1	8.8	5.2	5.7	8.3	4	
EC250-2B61-1292	9.8	6.8	5.2	4.5	4.2	1.3	3.6	2.4	1.2	10.0	5.3	6.5	9.4	4	
EC280-2B78-1292	11.1	7.5	5.2	4.5	5.5	1.3	4.3	3.1	1.2	11.8	6.6	6.9	11.5	6	

*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS

EC HIGH EFFICIENCY MOTORIZED IMPELLERS

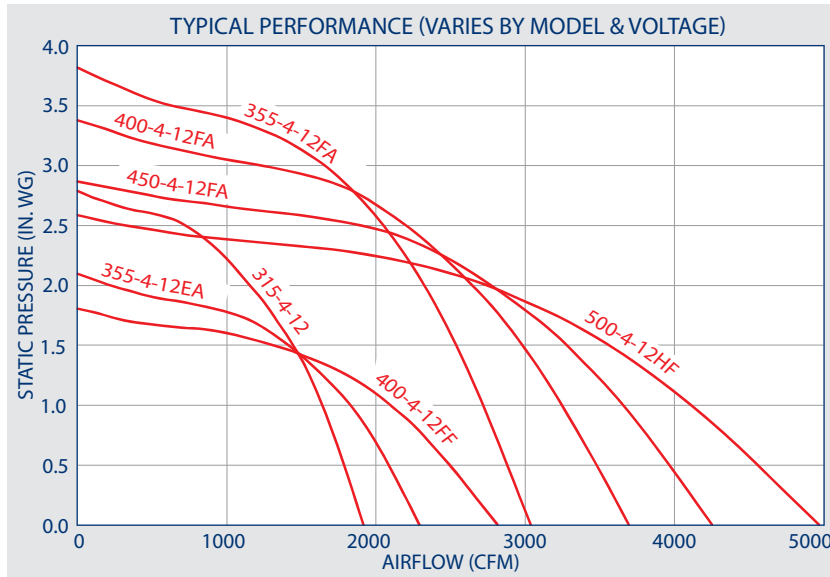
TME CENTRIFUGAL IMPELLERS (EC) - 1 PHASE

FEATURES & BENEFITS

- High efficiency: ErP qualified at 50 Hz
- EC external rotor motor
- Dual frequency motor (50 Hz & 60 Hz)
- Permissible ambient temperature range: -4 F to 104 F
- 1-10 VDC or PWM motor control
- Capacities to 5,000 cfm
- UL & CE approved

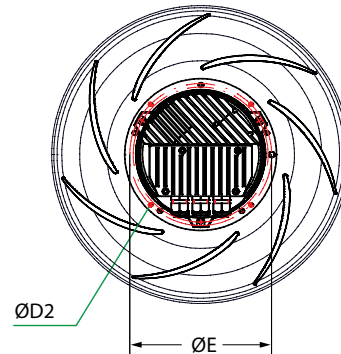
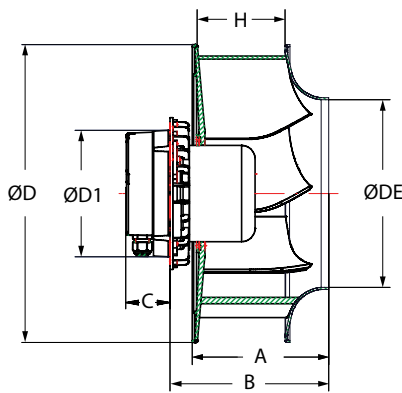
APPLICATIONS

- Heat exchangers
- Clean room modules
- Electronic cabinet cooling



200-277V - 1 PHASE		50/60 Hz PERFORMANCE			
PART NUMBER	CFM	RPM	WATTS	CFM/W	AMPS @230VAC
TME315-4-12	1914	2200	500	6.2	2.8
TME355-4-12EA	2289	1650	500	8.2	2.7
TME355-4-12FA	3035	2250	1120	4.0	5.0
TME400-4-12FF	2812	1380	500	9.4	2.8
TME400-4-12FA	3692	1875	1150	4.9	5.1
TME450-4-12FA	4250	1550	1150	6.0	5.1
TME500-4-12HF	4966	1300	1150	7.1	5.1

FOR OTHER VOLTAGES, CONSULT FACTORY.
ACTUAL PERFORMANCE MAY VARY BY APPLICATION.



MODEL	DIMENSIONS IN INCHES*									
	A	B	C	D	D1	D2	DE	E	H	
TME315-4-12	5.6	6.6	1.5	13.3	5.9	M6/4 X 90	8.3	6.5	3.5	
TME355-4-12EA	6.8	7.9	1.5	14.8	5.9	M6/4 X 90	9.3	6.5	4.4	
TME355-4-12FA	8.1	8.1	2.3	14.8	7.1	M6/4 X 90	9.3	8.0	4.4	
TME400-4-12FF	7.6	8.6	1.5	16.7	5.9	M6/4 X 90	10.5	6.5	4.9	
TME400-4-12FA	7.6	8.9	2.3	16.7	7.1	M6/4 X 90	10.5	8.0	4.9	
TME450-4-12FA	8.4	9.5	2.3	18.8	7.1	M6/4 X 90	11.7	8.0	5.4	
TME500-4-12HF	9.4	10.4	2.3	21.0	7.1	M6/4 X 90	13.2	8.0	6.1	

*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS

EC HIGH EFFICIENCY MOTORIZED IMPELLERS

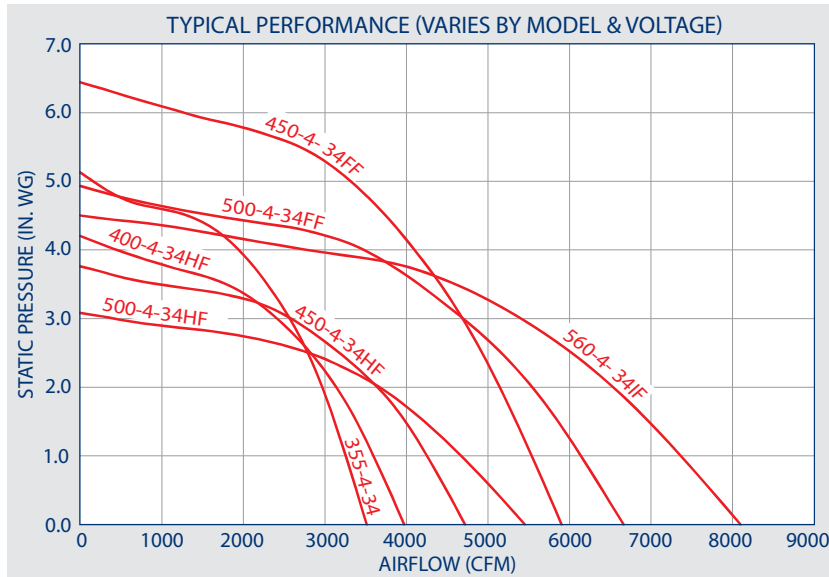
TME CENTRIFUGAL IMPELLERS (EC) - 3 PHASE

FEATURES & BENEFITS

- High efficiency: ErP qualified at 50 Hz
- EC external rotor motor
- 200-240V, three phase available
- Dual frequency motor (50 Hz & 60 Hz)
- Permissible ambient temperature range: -4 F to 104 F
- 1-10 VDC or PWM motor control
- Capacities to 8,095 cfm
- UL & CE approved

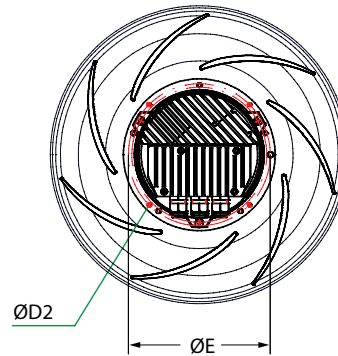
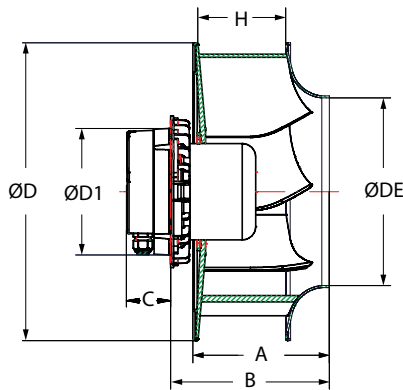
APPLICATIONS

- Heat exchangers
- Clean room modules
- Electronic cabinet cooling



380-480V - 3 PHASE		50/60 Hz PERFORMANCE			
PART NUMBER	CFM	RPM	WATTS	CFM/W	AMPS @400VAC
TME355-4-34	3512	2600	1700	3.1	2.8
TME400-4-34HF	3971	2100	1600	3.6	2.5
TME450-4-34HF	4717	1775	1650	4.4	2.7
TME450-4-34FF	5902	2300	3500	2.4	5.1
TME500-4-34HF	5452	1425	1500	5.8	2.4
TME500-4-34FF	6662	1800	2900	3.4	4.4
TME560-4-34IF	8095	1550	3260	3.7	5.0

FOR OTHER VOLTAGES, CONSULT FACTORY.
ACTUAL PERFORMANCE MAY VARY BY APPLICATION.



MODEL	DIMENSIONS IN INCHES*								
	A	B	C	D	D1	D2	DE	E	H
TME355-4-34	6.8	8.1	2.5	14.8	7.1	M6/4 X 90	9.3	8.0	4.4
TME400-4-34HF	7.6	8.9	2.5	16.7	7.1	M6/4 X 90	10.5	8.0	4.9
TME450-4-34HF	8.4	9.5	2.5	18.8	7.1	M6/4 X 90	11.7	8.0	5.4
TME450-4-34FF	8.4	10.0	2.8	18.8	9.3	M10/8 X 45	11.7	9.9	5.4
TME500-4-34HF	9.4	10.4	2.5	21.0	7.1	M6/4 X 90	13.2	8.0	6.1
TME500-4-34FF	9.4	10.9	2.8	21.0	9.3	M10/8 X 45	13.2	9.9	6.1
TME560-4-34IF	10.6	12.2	2.8	23.4	9.3	M10/8 X 45	14.8	9.9	6.9

*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS

EC HIGH EFFICIENCY MOTORIZED IMPELLERS

CEC CENTRIFUGAL IMPELLERS (EC)

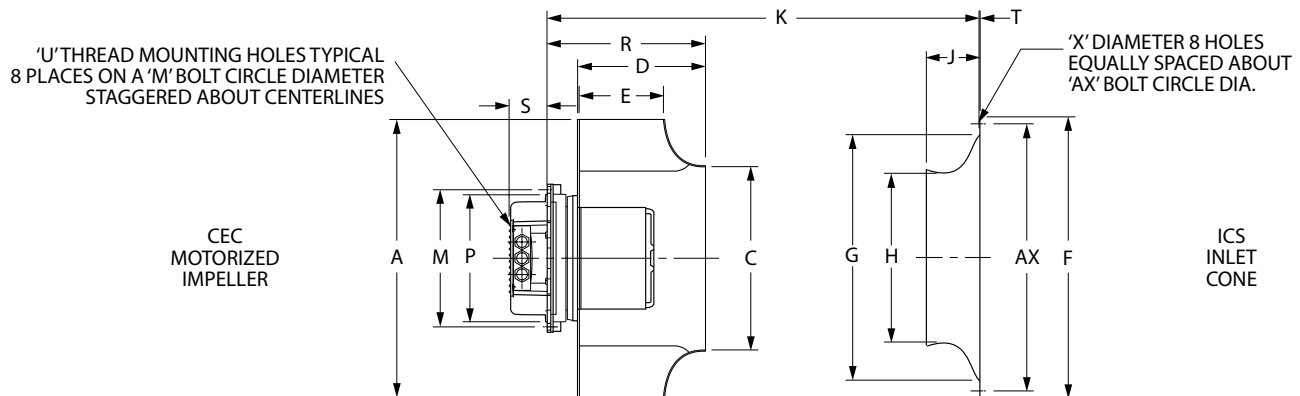
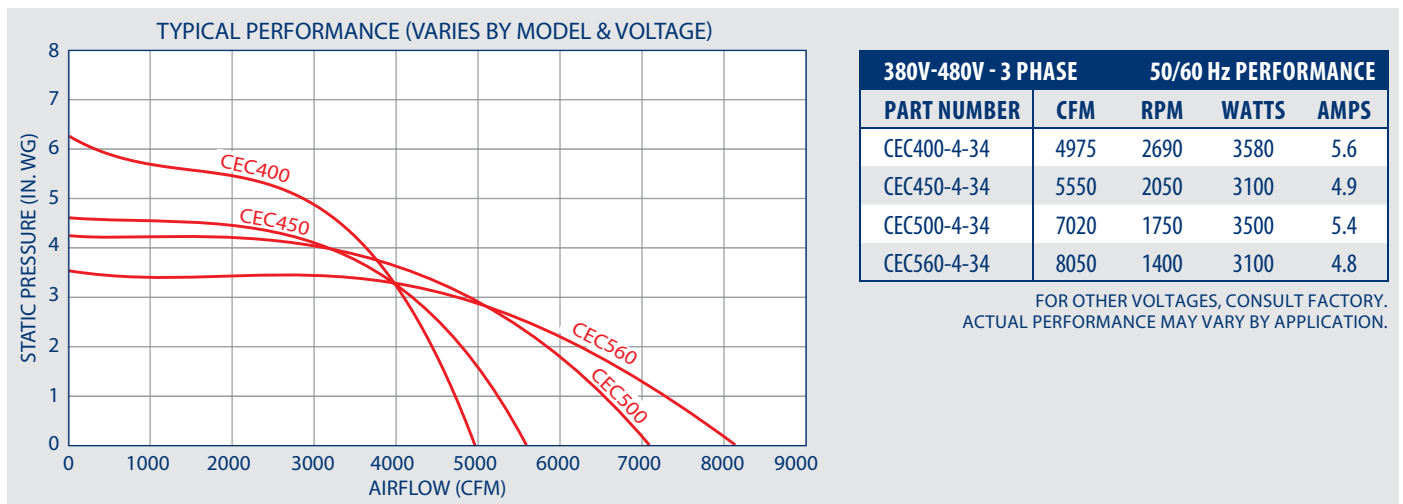


FEATURES & BENEFITS

- EC (Electronically Commutated) external rotor motor
- 1-10VDC or PWM motor control
- Dual frequency motor (50 Hz & 60 Hz)
- Maximum speed available across entire voltage range in either 50 Hz or 60 Hz
- Integral EC electronics
- Permissible ambient temperature range: -4 F to 104 F
- Available housed or non-housed
- Capacities to 8,050 cfm
- UL & CE approved

APPLICATIONS

- Military HRAC
- Air filtration
- Clean room modules
- Heat exchangers
- Electronic cabinet cooling
- Pharmaceutical equipment



DIMENSIONS SHOWN ARE FOR NON-HOUSED UNITS. CONSULT FACTORY FOR DIMENSIONS ON HOUSED UNITS.

MODEL	DIMENSIONS IN INCHES*																WT (lbs)	
	A	C	D	E	F	G	H	J	K	M	P	R	S	T	U	X		AX
CEC400	15.9	10.5	7.2	4.8	16.6	14.0	9.8	3.0	12.2	9.9	9.3	9.5	2.8	0.1	M10	0.4	15.6	39.6
CEC450	17.9	11.8	8.2	5.4	18.3	15.8	10.9	3.2	13.4	9.9	9.3	10.4	2.8	0.1	M10	0.4	17.2	42.9
CEC500	20.1	13.3	9.2	6.1	20.3	17.7	12.2	3.8	14.9	9.9	9.3	11.4	2.8	0.1	M10	0.5	19.3	55.0
CEC560	22.4	14.8	10.3	6.9	22.2	19.7	13.7	4.2	16.2	9.9	9.3	12.5	2.8	0.1	M10	0.5	21.3	58.3

*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS

EC HIGH EFFICIENCY MOTORIZED IMPELLERS

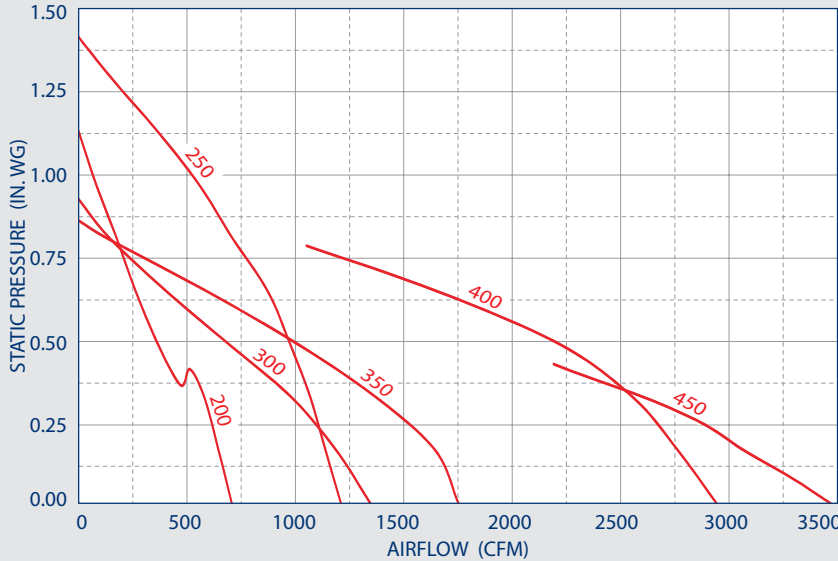
DXG & DXP MOTORIZED AXIAL FANS (EC)



FEATURES & BENEFITS

- EC (Electronically Commutated) external rotor motor
- 1-10 VDC or PWM motor control
- Excellent air and sound performance characteristics
- 100% speed controllable
- IP44 motor protection
- Input voltage: 208-277 V 50/60 Hz single phase
- Capacities to 3,469 cfm
- ErP and RoHS compliant

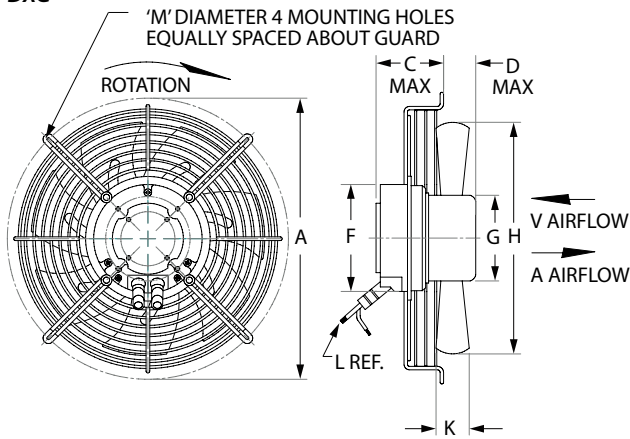
TYPICAL PERFORMANCE (VARIES BY MODEL & VOLTAGE)



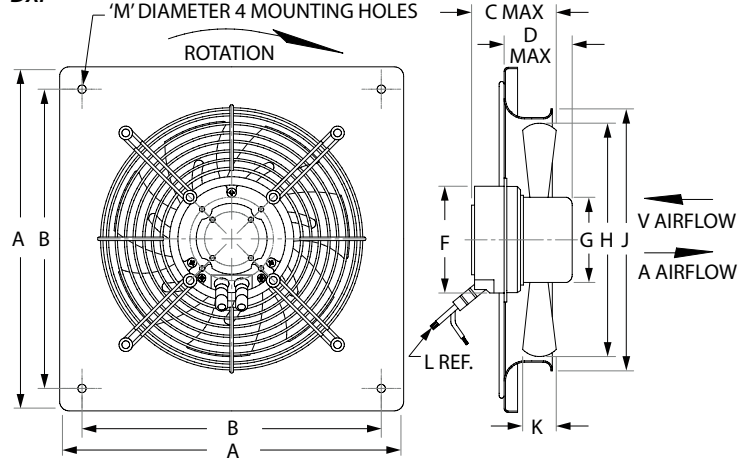
208-277V - 1 PHASE		50/60 Hz PERFORMANCE			
PART NUMBER	CFM	RPM	WATTS	AMPS	dB(A)
DXG200-2EC-12	709	2820	88	0.7	60
DXG250-2EC-12	1210	3050	175	1.3	69
DXG300-2EC-12	1346	1768	95	0.7	64
DXG350-2EC-12	1752	1732	162	1.2	65
DXG400-2EC-12	2943	1600	345	1.6	69
DXG450-2EC-12	3469	1310	355	1.6	69
DXP200-2EC-12	709	2820	88	0.7	64
DXP250-2EC-12	1210	3050	175	1.3	73
DXP300-2EC-12	1346	1768	95	0.7	69
DXP350-2EC-12	1752	1732	162	1.2	69
DXP400-2EC-12	2943	1600	345	1.6	74
DXP450-2EC-12	3469	1310	355	1.6	73

FOR OTHER VOLTAGES, CONSULT FACTORY. ACTUAL PERFORMANCE MAY VARY BY APPLICATION.

DXG



DXP



AIRFLOW DIRECTION TO BE INDICATED BY CUSTOMER.

MODEL	DIMENSIONS IN INCHES*								
	A	C	D	F	G	H	K	L	M
DXG200-2EC	10.2	2.9	1.3	4.5	3.6	7.9	1.4	17.7	0.3
DXG250-2EC	11.8	2.8	1.3	4.5	3.6	9.8	1.4	17.7	0.3
DXG300-2EC	14.2	3.3	1.5	4.5	3.6	11.8	2.6	17.7	0.2
DXG350-2EC	16.6	3.5	1.6	4.5	3.6	13.8	3.3	17.7	0.3
DXG400-2EC	18.5	3.8	1.9	5.9	4.0	15.7	2.8	39.4	0.4
DXG450-2EC	20.6	3.8	2.1	5.9	4.0	17.7	3.7	39.4	0.4

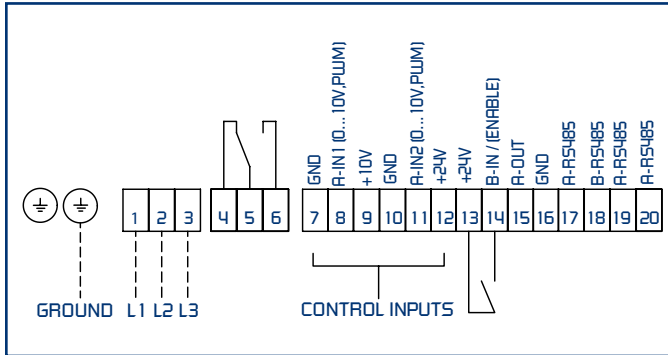
*DO NOT USE FOR CONSTRUCTION

MODEL	DIMENSIONS IN INCHES*										
	A	B	C	D	F	G	H	J	K	L	M
DXP200-2EC	12.2	10.2	4.1	2.0	4.5	3.6	7.9	9.1	1.4	17.7	0.3
DXP250-2EC	14.6	12.6	3.3	2.8	4.5	3.6	9.8	11.0	1.4	17.7	0.3
DXP300-2EC	16.9	15.0	3.8	3.4	4.5	3.6	11.8	13.2	2.6	17.7	0.4
DXP350-2EC	19.1	17.1	5.0	3.3	4.5	3.6	13.8	15.0	3.3	17.7	0.4
DXP400-2EC	21.3	19.3	6.0	3.8	5.9	4.0	15.7	16.9	2.8	39.4	0.4
DXP450-2EC	22.6	20.5	6.1	3.9	5.9	4.0	17.7	18.9	3.7	39.4	0.4

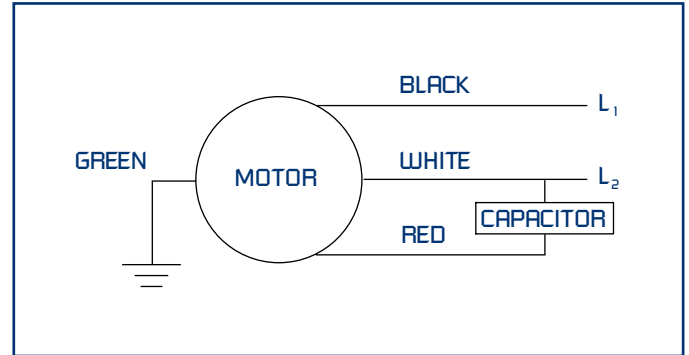
CONSULT FACTORY FOR CERTIFIED PRINTS

WIRING DIAGRAMS

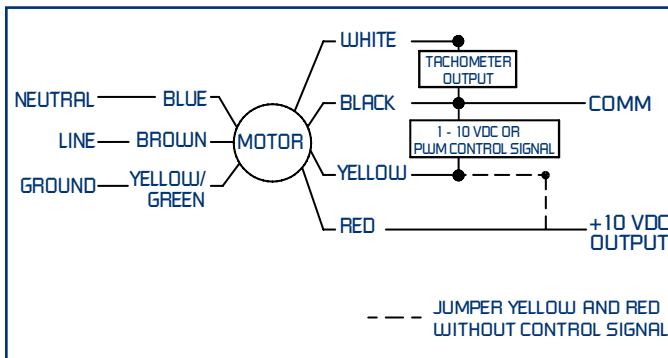
TME, CEC (3 PHASE)



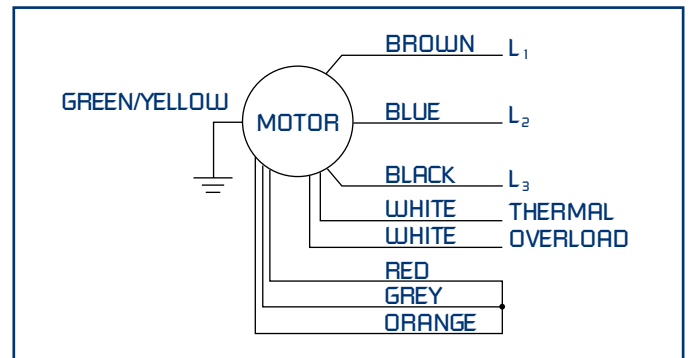
XR



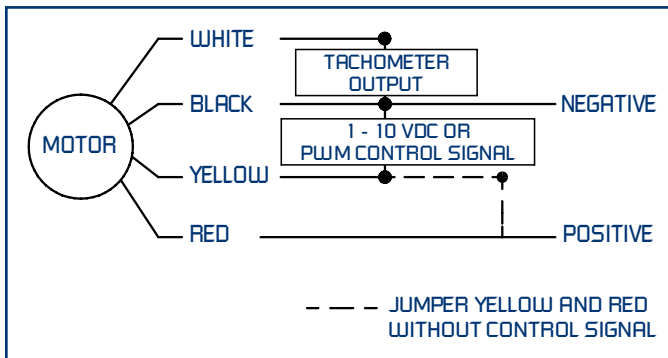
EC, DXG-EC, DXP-EC



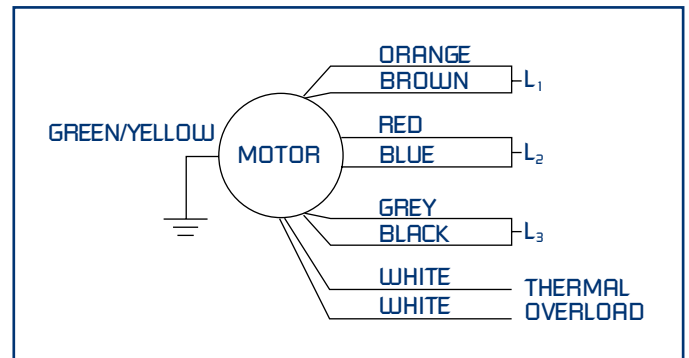
TMA, TMK, RCM (460V, 3 PHASE)



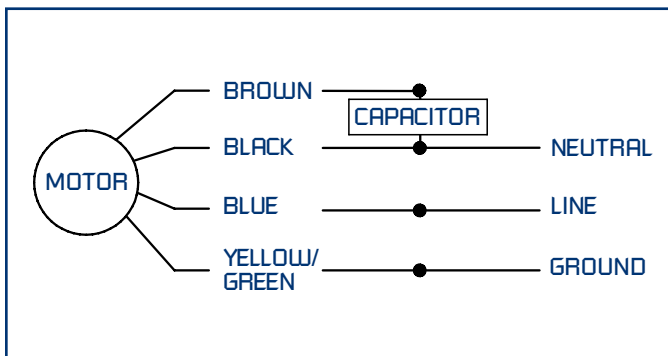
DC, DXG-DC, DXP-DC



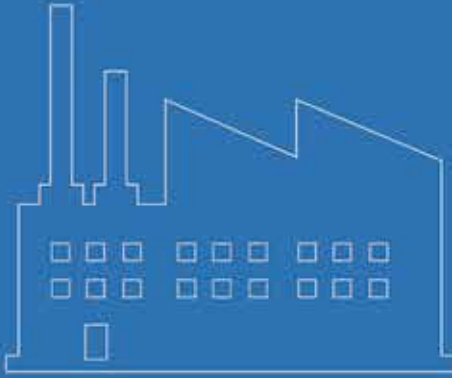
TMA, TMK, RCM (230V, 3 PHASE)



CMI, DXG-AC, DXP-AC



WIRING DIAGRAMS ARE TYPICAL, CONSULT FACTORY FOR ACTUAL PRODUCT WIRING DIAGRAMS.



***Industrial Fans
& Blowers***



***OEM Solutions
& Custom Fans***



***Commercial Fans
& Dampers***



***Residential Fans &
Air Purifiers***



OEM Solutions & Custom Fans

Continental Fan Manufacturing Inc.
Buffalo, NY ~ Dayton, OH

Continental Fan Canada Inc.
Mississauga, ON

continentalfan.com
1-800-779-4021

