



MOTORIZED IMPELLERS

better AIRFLOW
by DESIGN™



MOTORIZED CENTRIFUGALS

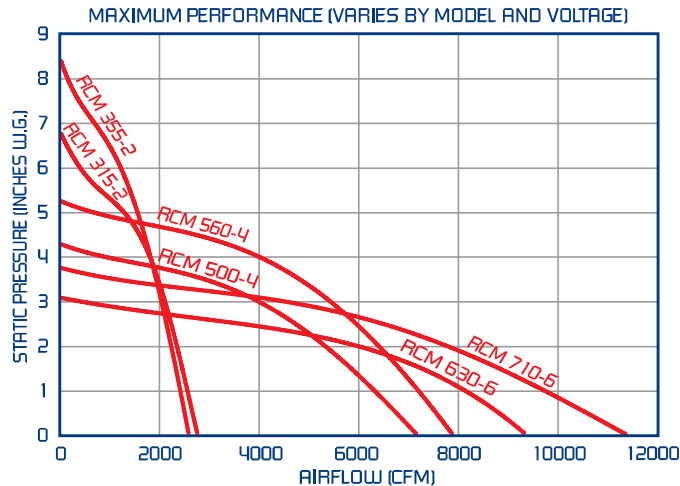
- Available with AC, DC and EC motors
- Efficient backward curved (BC) impellers
- 50 Hz & 60 Hz, single & three phase
- 100% speed controllable
- Superbly crafted, precision balanced
- Compact design, superior performance
- Quiet, rugged, sealed ball bearing motors
- Select models in stock

RCM MOTORIZED IMPELLER (AC)

STANDARD FEATURES & BENEFITS

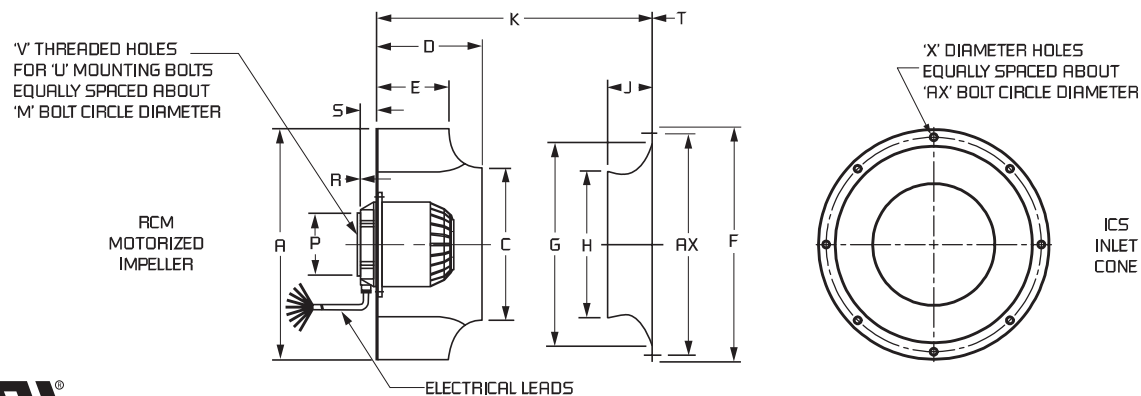
- Available from stock in three phase voltages
- Dual frequency motor (50 Hz & 60 Hz)
- IP54 motor construction, class F insulation
- Available housed or non-housed
- Capacities to 11,500 cfm

PERFORMANCE



460V-3 PHASE		60 Hz PERFORMANCE			
PART NUMBER	CFM	RPM	WATTS	AMPS	
RCM315-2-34	2750	3185	2330	3.3	
RCM355-2-34	2600	3260	2650	4.0	
RCM500-4-34	7000	1625	2780	4.7	
RCM560-4-34	8900	1630	4800	7.2	
RCM630-6-34	9400	1090	2600	4.3	
RCM710-6-34	11500	1050	3650	6.6	

FOR OTHER VOLTAGES AND 50 HZ OPERATION, CONSULT FACTORY.



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

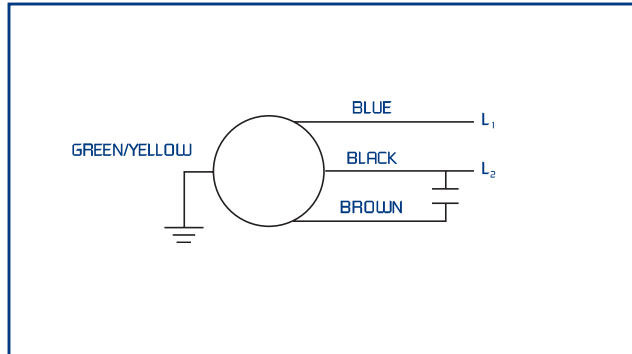
DIMENSIONS IN INCHES*																			
MODEL	A	C	D	E	F	G	H	J	K	M	P	R	S	T	U	V	X	AX	WT (lbs)
RCM315-2	12.6	8.2	5.8	3.9	15.0	12.6	8.0	2.6	8.2	6.4	5.5	0.2	1.9	0.1	M10	4	0.4	14.0	34
RCM355-2	14.1	9.3	5.2	3.1	16.6	14.2	9.1	2.9	7.8	6.4	5.5	0.2	1.9	0.1	M10	4	0.4	15.6	44
RCM500-4	20.1	13.3	9.2	6.1	20.4	17.7	12.2	3.9	12.7	6.4	5.5	0.3	1.4	0.1	M10	8	0.5	19.3	60
RCM560-4	22.4	14.8	10.3	6.8	22.2	19.7	13.7	4.1	14.1	7.5	6.3	0.3	1.6	0.1	M12	8	0.4	21.3	93
RCM630-6	25.2	16.7	11.5	7.7	25.2	22.1	15.4	4.5	15.3	7.5	6.3	0.3	1.6	0.1	M12	8	0.6	24.0	85
RCM710-6	28.3	18.7	11.5	7.3	27.9	24.8	17.2	5.3	16.4	7.5	6.3	2.8	1.3	0.1	M12	8	0.6	26.5	101

*DO NOT USE FOR CONSTRUCTION

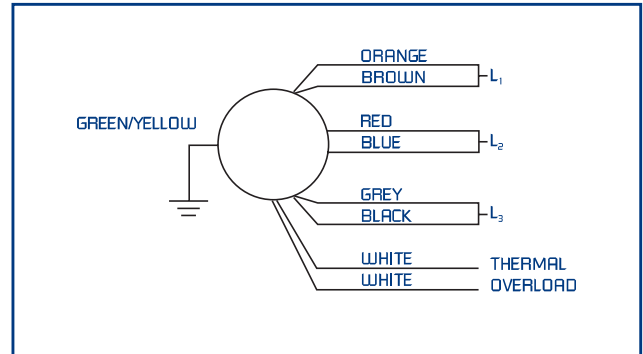
CONSULT FACTORY FOR CERTIFIED PRINTS

WIRING DIAGRAMS

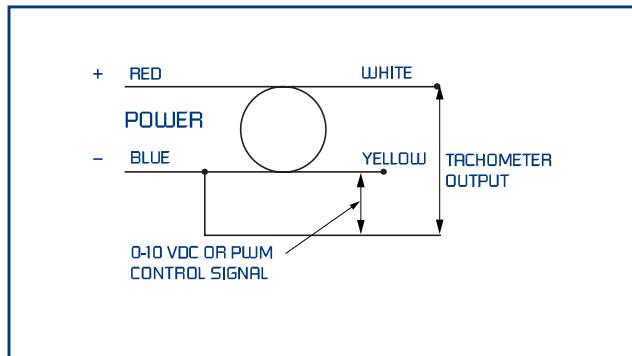
AC - SINGLE PHASE



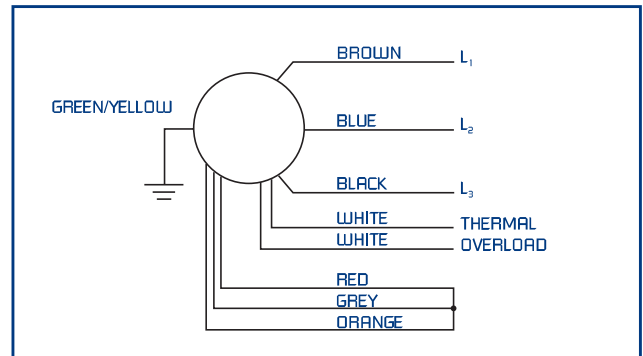
AC - THREE PHASE DELTA



DC

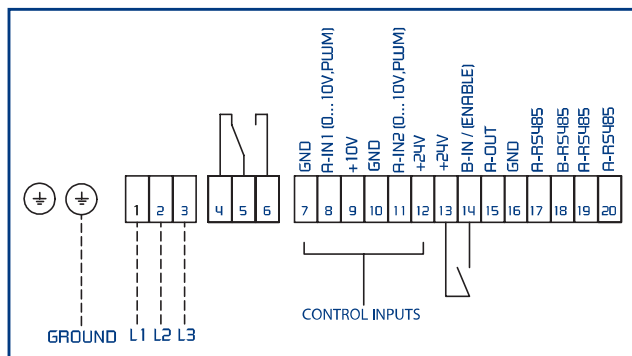


AC - THREE PHASE Y



Note: Wiring diagrams are typical, consult factory for actual product wiring diagrams.

EC



TYPICAL APPLICATIONS

- Electronic cabinet cooling
- Clean room modules
- Heat exchangers
- Air filtration
- Military HRAC
- Medical applications
- Plastic extrusion
- Fume hoods
- Pharmaceutical equipment
- Semiconductor industry



Industrial Fan Division

The Industrial Fan Division offers superbly crafted industrial fans and ventilators, expertly supported by a network of independent manufacturers' representatives.



*Panel
Fans*



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Fans*



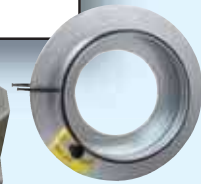
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Fans*



*Roof
Ventilators*



*Iris
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The OEM Fan Division works closely with original equipment manufacturers to meet their design requirements, offering in-stock fan components, 3D models and custom fan solutions.



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The Wholesale Products Division offers a superior line of in-stock commercial and residential ventilation products, available from wholesalers and distributors across North America.



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*Exhaust
Fans*

USA

www.continentalfan.com

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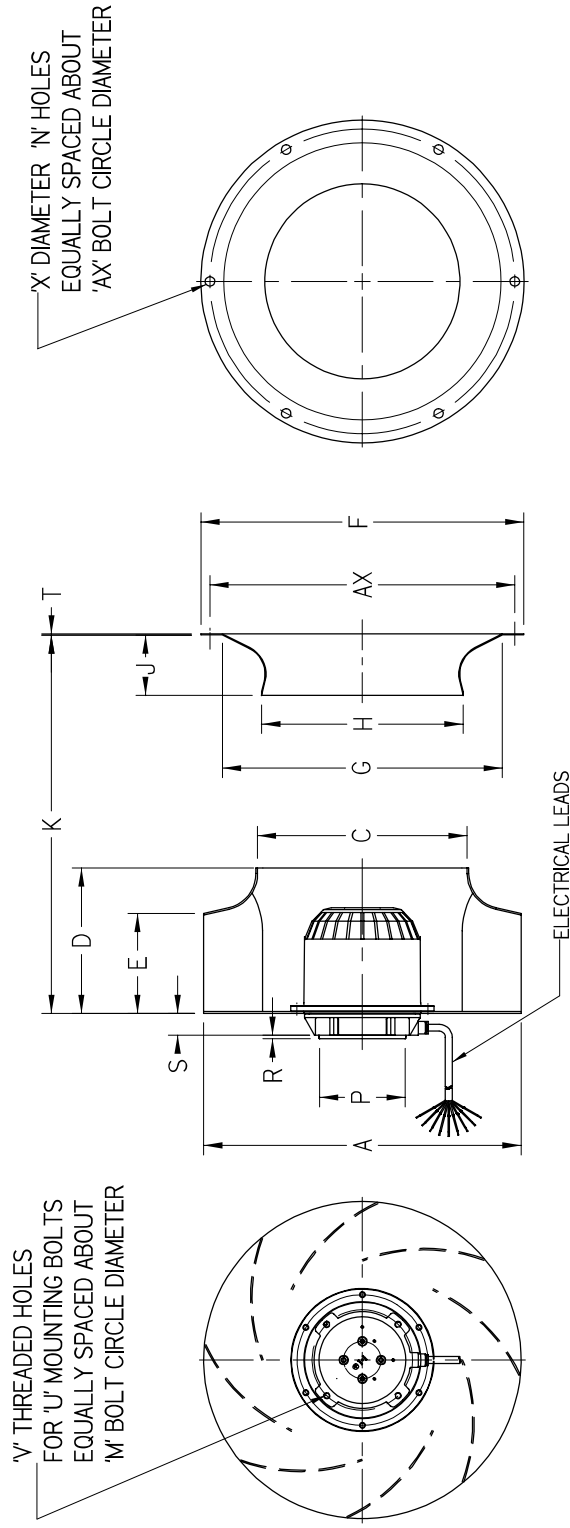
Canada

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MOTORIZED CENTRIFUGALS





MOTORIZED IMPELLER

INLET CONE

MOTORIZED IMPELLER DIMENSIONS												INLET CONE DIMENSIONS								
PART NUMBER	A	C	D	E	K	M	U	V	P	R	S	PART NUMBER	F	G	H	J	N	T	X	AX
R0-RCM315	1250	866	570	400	788	638	M10	4	549	023	185	T0-ICP315	1504	1260	803	256	6	012	050	139
R0-RCM355	1408	958	52	321	763	638	M10	4	549	023	185	T0-ICP355	1661	1417	905	291	8	012	050	1555
R0-RCM500	2008	1327	921	610	1270	638	M10	4	551	024	138	R0-ICS500	2043	1772	1220	384	8	006	047	1929
R0-RCM560	2244	1484	1031	685	1406	748	M12	4	630	028	161	R0-ICS560	2220	1969	1370	413	8	006	043	2126
R0-RCM630	2520	1669	1150	768	1530	748	M12	4	630	028	157	R0-ICS630	2520	2205	1535	447	8	006	055	2402
R0-RCM710	2827	1724	1154	728	1636	748	M12	8	630	028	134	R0-ICS710	2795	2480	1724	531	8	006	055	2654

Better Airflow By Design

MOTORIZED IMPELLERS & CONES

GENERAL OUTLINE SUBMITTAL

DATE: 27 JUNE 2007

BY: J.E. EVANS

REV: 01

RCM-000-000-100 Submittal.dft

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.
DRAWING NOT TO BE USED FOR CONSTRUCTION.