



GAST MANUFACTURING, INC.
A Unit of IDEX Corporation
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PART NUMBER:

LTD169

REV.

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Product Specifications

MODEL NUMBER	MOTOR SPECIFICATIONS	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
			"H ₂ O"	mbars	"H ₂ O"	mbars			lbs.	kg
R3105-12	110/220-240-50-1	2850	35	87	40	100	1/3	0.25	29	13.2
	115/208-230-60-1	3450	50	125	55	137	1/2	0.37	30	13.6

SOUND LEVEL 68/63 dB(A) MAX. @ 60/50 Hz

NORMAL AMBIENT -29°C TO 40°C

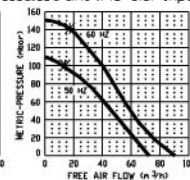
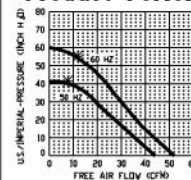
RELATIVE HUMIDITY 0% - 100% NON-CONDENSING

ENVIRONMENT CLEAN DUST FREE

NOTES:

1. TECHNICAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.
2. * DENOTES INACTIVE MODEL.

Product Performance (Metric U.S. Imperial)



PERFORMANCE DATA

THE PERFORMANCE DATA SHOWN WAS DETERMINED UNDER THE FOLLOWING CONDITIONS:

LINE VOLTAGE @ 60 Hz, 230V OR 460V FOR 3 PHASE UNITS. 115V OR 230V FOR 1 PHASE UNITS.

LINE VOLTAGE @ 50 Hz, 220V FOR 3 PHASE OR 1 PHASE UNITS.

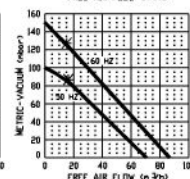
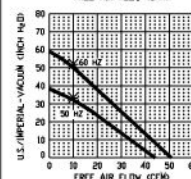
UNITS IN A TEMPERATURE STABLE CONDITION.

DELIVERY MEASUREMENTS MADE WITH OUTPUT PORT THROTTLED.

SUCTION MEASUREMENTS MADE WITH INPUT PORT THROTTLED.

TEST CONDITIONS: INLET AIR DENSITY @ 0.075 lbs. per cu. ft. (20°C (68°F), 29.92" Hg (14.7 PSIA)).

NORMAL PERFORMANCE VARIATIONS ON THE RESISTANCE CURVE WITHIN ±10% OF SUPPLIED DATA CAN BE EXPECTED.



* DENOTES RECOMMENDED MAXIMUM DUTY
---- INTERMITTENT DUTY ONLY

Product Dimensions (U.S. Imperial (inches))

Low Voltage, Single Phase

Blue P1 Line
Brown P2 Tie Together
Black 5 Insulate
Orange 3 Insulate
White 2 Tie Together
Yellow 4 Line

High Voltage, Single Phase

Blue P1 Line
Brown P2 Insulate
Black 5 Tie Together
Orange 3 Insulate
White 2 Insulate
Yellow 4 Line

