



GAST MANUFACTURING, INC.
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PART NUMBER:

LTD140A

REV.

A

Product Specifications

MODEL NUMBER	MOTOR SPECIFICATIONS	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
			"H ₂ O	mbar	"H ₂ O	mbar			lbs.	kg
R3105NX	110/220-240-50-1	2850	28	70	31	77	1/3	0,25	34	15.5
	115/208-230-60-1	3450	40	100	43	107	1/2	0,37		

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

NORMAL AMBIENT -29°fC TO 40°fC

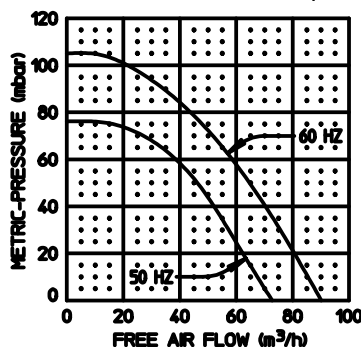
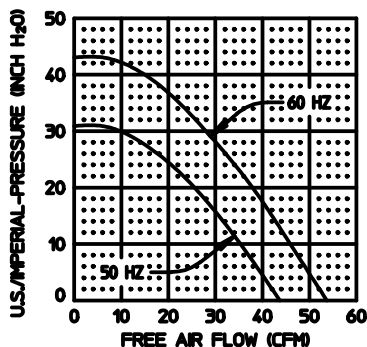
RELATIVE HUMIDITY 0% - 100% NON CONDENSING

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.

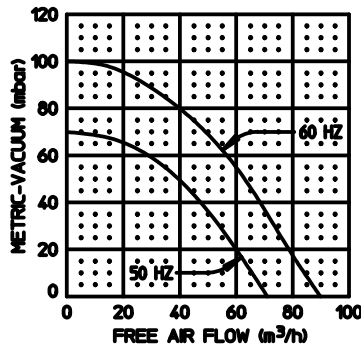
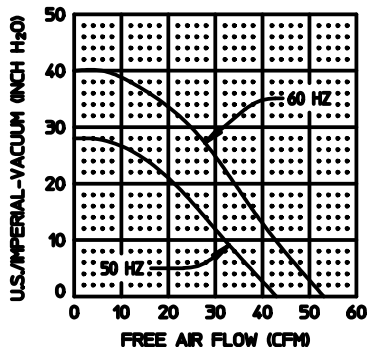
UNITS IN A TEMPERATURE STABLE CONDITION.

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°fC (68°fF), 29.92" Hg (14.7 PSIA)].

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



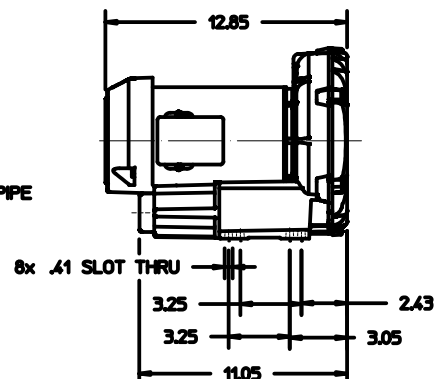
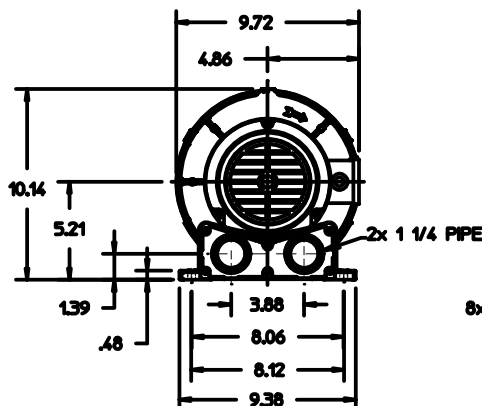
Low Voltage, Single Phase

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

High Voltage, Single Phase

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

Product Dimensions U.S. Imperial (inches)



Wiring Diagram