



GAST MANUFACTURING, INC.  
A Unit of IDEX Corporation  
Post Office Box 97  
Benton Harbor, Michigan  
Ph: 269/926-6171  
Fax: 269/925-8288

PART NUMBER:

LTD140A

REV.

A

## Product Specifications

MODEL NUMBER	MOTOR SPECIFICATIONS	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
			"H <sub>2</sub> O	mbar	"H <sub>2</sub> 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 -29ð°C TO 40ð°C

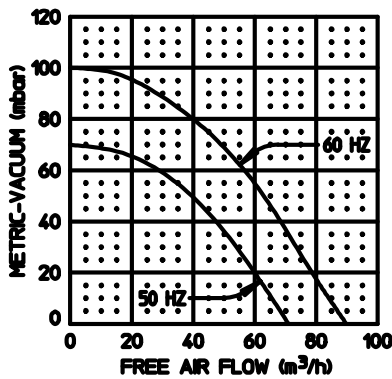
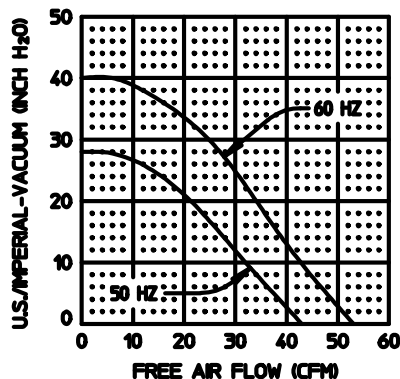
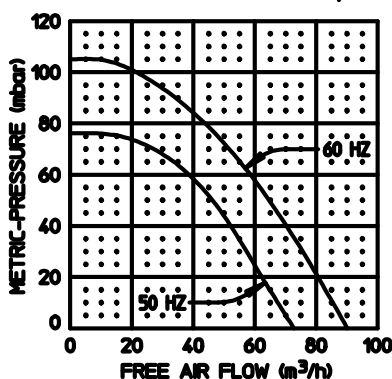
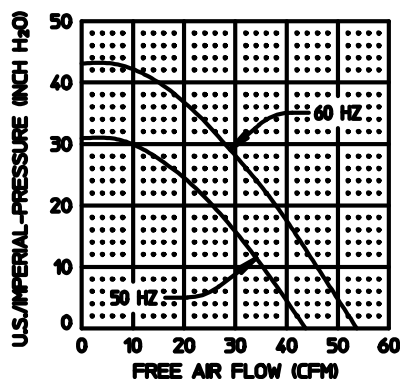
RELATIVE HUMIDITY 0% - 100% NON CONDENSING

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. [20ð°C (68ð°F), 29.92' Hg (14.7 PSIA)].

NORMAL PERFORMANCE VARIATIONS ON THE RISTANCE CURVE WITHIN 0%10% OF SUPPLIED DATA CAN BE EXPECTED.

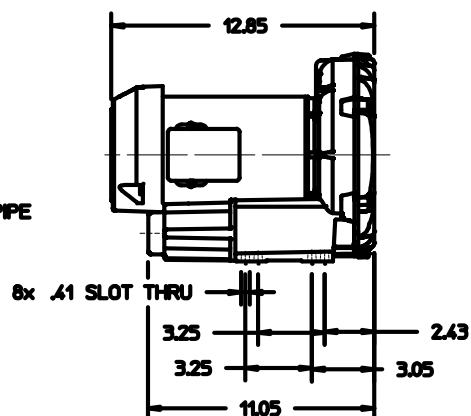
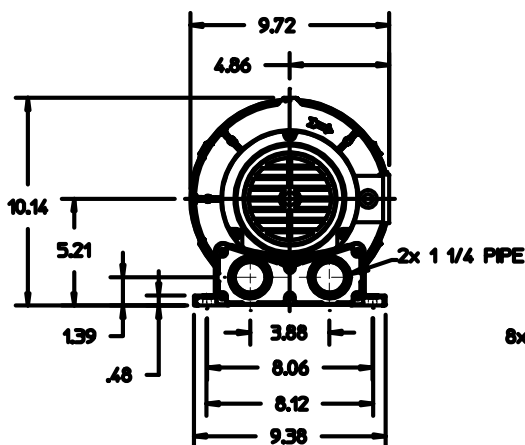
### Low Voltage, Single Phase

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