



GAST MANUFACTURING, INC.  
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PART NUMBER:

LTD169

REV.

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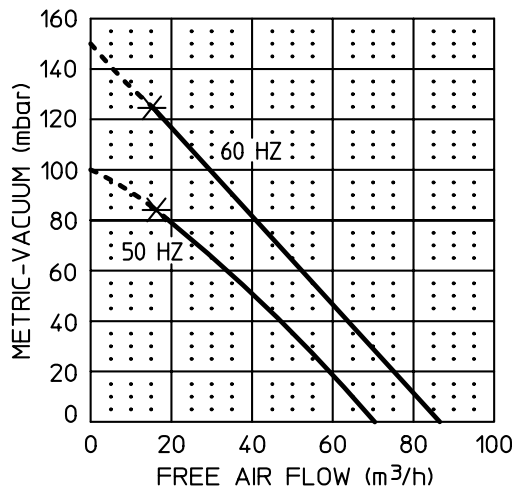
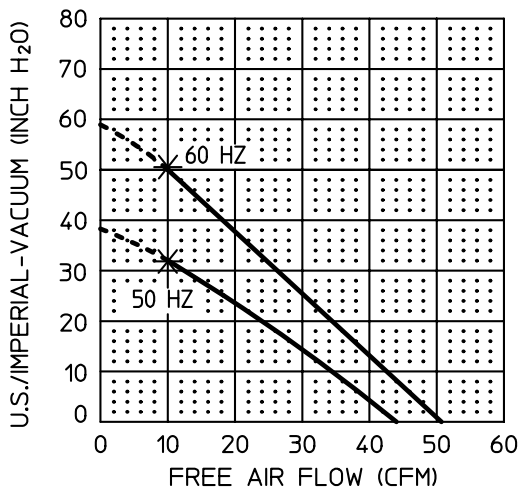
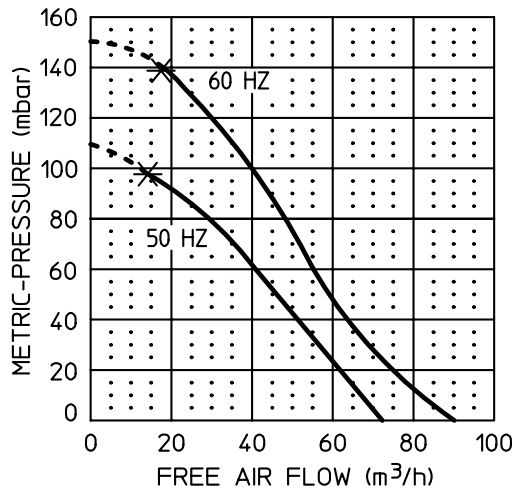
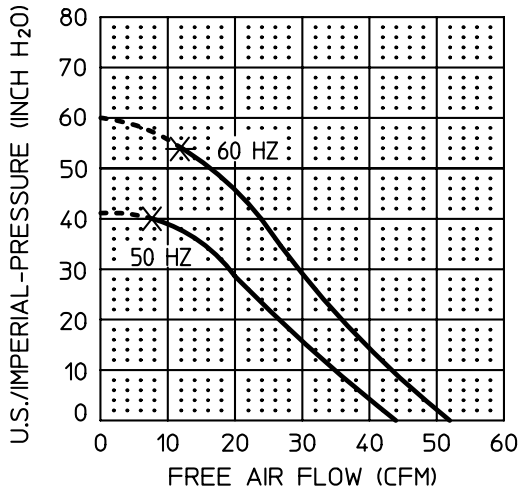
Product Specifications

MODEL NUMBER	MOTOR SPECIFICATIONS	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
			"H <sub>2</sub> O	mbar	"H <sub>2</sub> O	mbar			lbs.	kg
R3105-12	110/220-240-50-1	2850	35	87	40	100	1/3	0,25	29	13,2
R3105K-12	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

TECHNICAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.

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 RISTANCE CURVE WITHIN ±10% OF SUPPLIED DATA CAN BE EXPECTED.

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

Low Voltage, Single Phase

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

High Voltage, Single Phase

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

Product Dimensions

Metric (mm) / U.S. Imperial (inches)

