



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:

LTD169

REV.

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Product Specifications

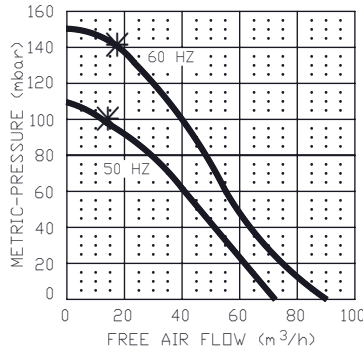
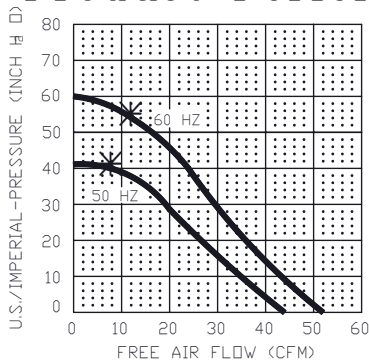
| MODEL NUMBER | MOTOR SPECIFICATIONS | RPM | MAX VAC | | MAX PRESS | | HP | kW | NET WT. | |
|--------------|----------------------|------|-------------------|------|-------------------|------|-----|------|---------|------|
| | | | "H ₂ O | mbar | "H ₂ O | mbar | | | lbs. | kg |
| R3105-12 | 110/220-240-50-1 | 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.

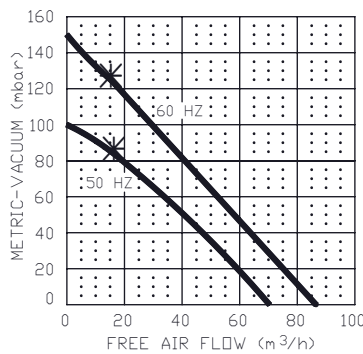
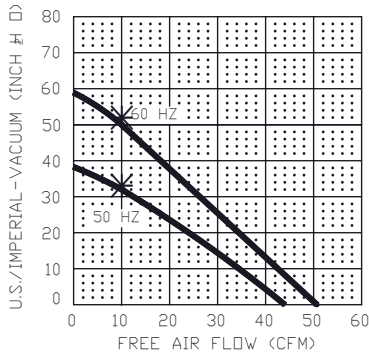
UNITS IN A TEMPERATURE STABLE CONDITION.

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

