



GAST MANUFACTURING, INC.  
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PART NUMBER:

LTD148

REV.

G

### Product Specifications

| MODEL NUMBER | MOTOR SPECIFICATIONS | RPM  | MAX VAC              |      | MAX PRESS            |      | HP  | kW  | NET WT. |      |
|--------------|----------------------|------|----------------------|------|----------------------|------|-----|-----|---------|------|
|              |                      |      | $\text{H}_2\text{O}$ | mbar | $\text{H}_2\text{O}$ | mbar |     |     | lbs.    | kg   |
| R6125-2      | 110/220-240-50-1     | 2850 | 45                   | 112  | 35                   | 87   | 1.5 | 1.1 | 87      | 39.5 |
|              | 115/200-230-60-1     | 3450 | 55                   | 137  | 45                   | 112  | 2.5 | 1.9 |         |      |

SOUND LEVEL 72/69 dB(A) MAX. @ 60/50 Hz

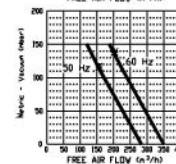
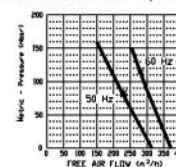
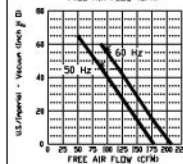
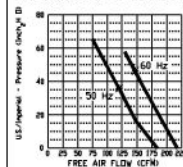
NORMAL AMBIENT -29°C TO 40°C

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 @ 8075 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

#### WIRING DIAGRAM

LOW VOLTAGE  
P1 — LINE  
P2 — TIE TOGETHER  
T3 — & INSULATE  
T2 — LINE  
T4 — LINE

HIGH VOLTAGE  
P1 — LINE  
P2 — INSULATE  
T3 — TIE TOGETHER  
T2 — & INSULATE  
T4 — LINE

### Product Dimensions (Metric (mm) / U.S. Imperial (inches))

