



GAST MANUFACTURING, INC.  
 A Unit of IDEX Corporation  
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PART NO:  
 LTD138

REV.  
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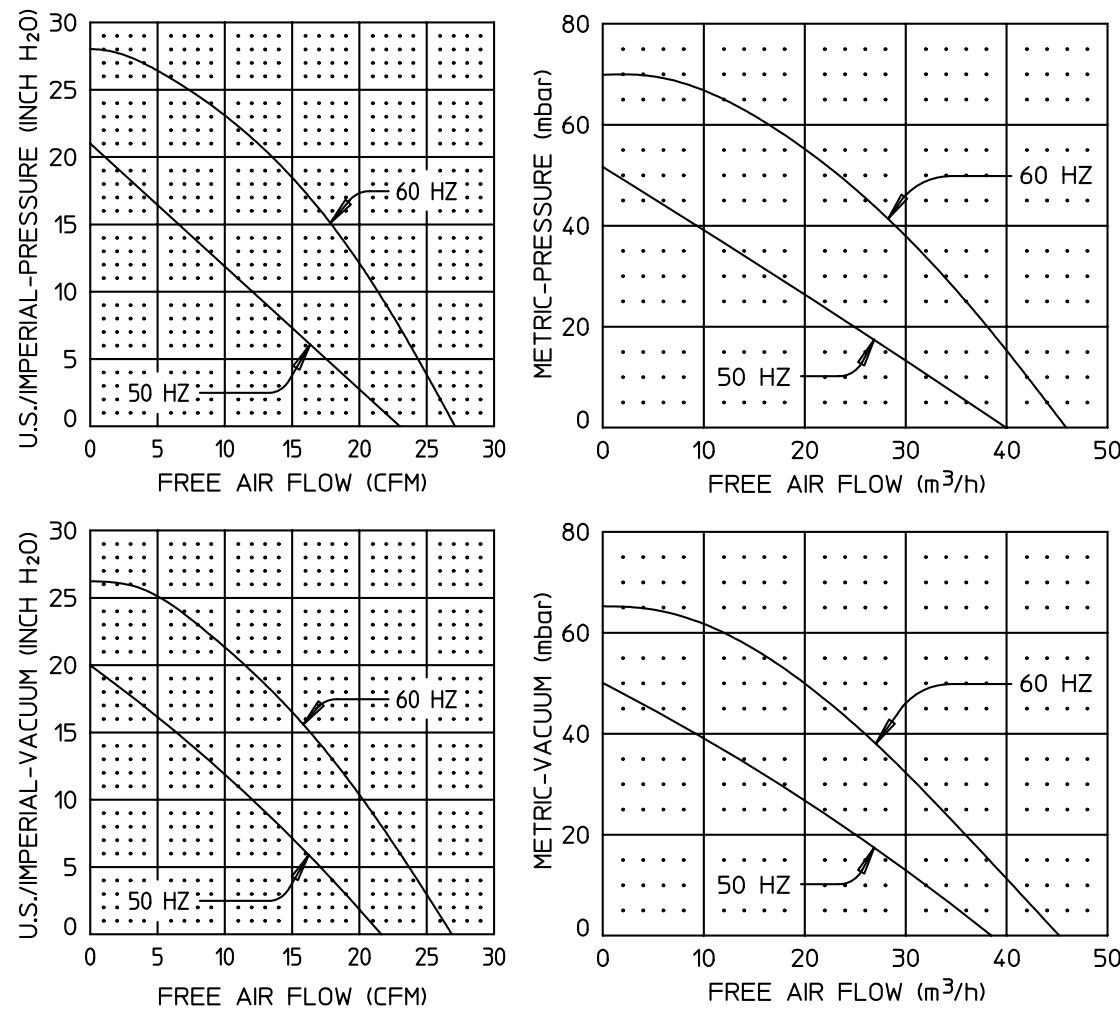
Product Specifications

MODEL NUMBER	MOTOR SPECIFICATIONS	"A"	"B"	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
					"H <sub>2</sub> O	mbar	"H <sub>2</sub> O	mbar			lbs.	kg
R1102	110/220-240-50-1	225	199	2890	20	50	21	52	1/10	0,07	15.75	7,2
	115/208-230-60-1	8.86	7.83	3450	26.5	66	28.5	71	1/8	0,09		
R1102K-01	110/220-240-50-1	232	195	2890	20	50	21	52	1/10	0,07	15.75	7,2
	115/208-230-60-1	9.12	7.67	3450	26.5	66	28.5	71	1/8	0,09		
R1102-32	115/208-230-60-1 110/220-240-50-1	233	208	3450/ 2850	26.5	66	28.5	71	1/8	0,09	15.75	7,2
R1102-33	115/208-230-60-1 110/220-240-50-1	232	195	3450/ 2850	26.5	66	28.5	71	1/8	0,09	15.75	7,2

SOUND LEVEL 57/54 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 RESISTANCE  
 CURVE WITHIN ±10% OF SUPPLIED DATA CAN BE EXPECTED.

**Product Dimensions**

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

Low Voltage, Single Phase

- Blue P1 Line
- Brown P2
- Black 5 Tie Together
- 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 Tie Together
- Yellow 4 Line

**Wiring Diagram**

