



GAST MANUFACTURING, INC.
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Benton Harbor, Michigan
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PART NUMBER:
LTD179

REV.
A

Product Specifications

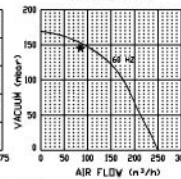
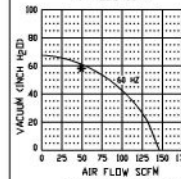
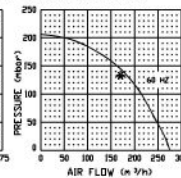
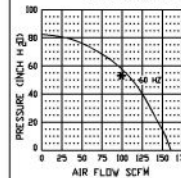
MODEL NUMBER	MOTOR SPECIFICATIONS	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
			"H ₂ O	mbar	"H ₂ O	mbar			lbs.	kg
R51250-50	115/230-60-1	3450	60	149	55	137	2.0	1.49	77	35

SOUND LEVEL 75 dB(A) MAX. @ 60 Hz
NORMAL AMBIENT -29°C TO 40°C
RELATIVE HUMIDITY 0% - 100% NON CONDENSING
ENVIRONMENT CLEAN DUST FREE

UL AND CSA APPROVED MOTOR FOR EXPLOSIVE
GAS ATMOSPHERES CLASS 1, GROUP D, CLASS 2,
GROUP F AND G.

THIS BLOWER IS DESIGNED FOR SOIL AND GROUND
WATER REMEDIATION.

Product Performance



TECHNICAL DATA SUBJECT TO
CHANGE WITHOUT NOTICE.

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 (4.7 PSIA)).

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

* = RECOMMENDED MAXIMUM DUTY
INTERMITTENT DUTY ONLY

Product Dimensions mm / inches

WIRING DIAGRAM
CONNECT THERMOSTAT TO
MOTOR PROTECTION CIRCUIT

