



GAST MANUFACTURING, INC.
A Unit of IDEX Corporation
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PART NUMBER:

LTD175

REV.

B

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
R3105N-50	115/208-230-60-1	3450	40	100	43	107	1/2	0,37	52	24
	110/220-240-50-1	2850	28	70	31	77	1/3	0,25		

SOUND LEVEL 68/63 dB(A) MAX. @ 60/50 Hz

NORMAL AMBIENT -29°C TO 40°C

RELATIVE HUMIDITY 0% - 100% NON CONDENSING

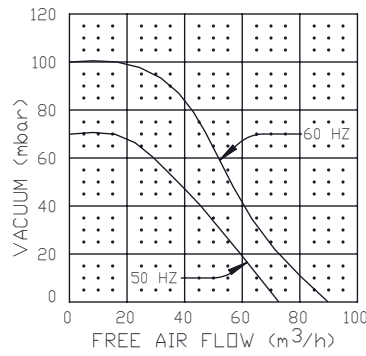
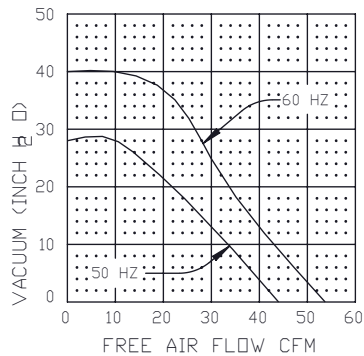
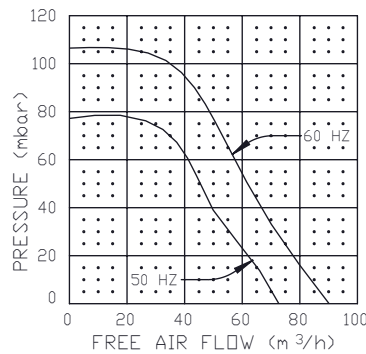
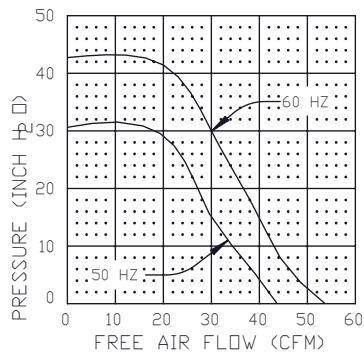
ENVIRONMENT CLEAN DUST FREE

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

THIS BLOWER IS DESIGNED FOR SOIL AND
GROUND WATER REMEDIATION.

TECHNICAL DATA SUBJECT TO
CHANGE WITHOUT NOTICE.

Product Performance



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 mm/inches

LEAD CONNECTIONS

VOLTS	LINE	LINE TOGETHER	INSULATE
LOW	P1	2-4	P2-3
HIGH	P1	4	2-3 P2

CAPACITOR BETWEEN
LEADS 55 & 55

