

NEW
HIGHER PERFORMANCE
R7100A-3 REPLACES
R7100A-2



GAST MANUFACTURING, INC.
A Unit of IDEX Corporation
Post Office Box 97
Benton Harbor, Michigan
Ph: 269/925-4471
Fax: 269/925-8288

PART NUMBER:

LTD168

REV.

F

Product Specifications

MODEL NUMBER	MOTOR SPECIFICATIONS	RPM	MAX VAC		MAX PRESS		HP	kW	NET WT.	
			"H ₂ O"	mmHg	"H ₂ O"	mmHg			lbs.	kg
R7100A-3	190-220/380-415-50-3	2850	90	224	115	286	8	6	321	144
R7100A-35	208-230/460-60-3	3450	110	274	125	311	10	7.5		

REDUCE MAX. DUTY RATINGS BY 10% H Q₁ WHEN OPERATING FROM 207 TO 187 VOLTS 60 Hz.

SOUND LEVEL 78/75 dBA) MAX. @ 60/50 Hz

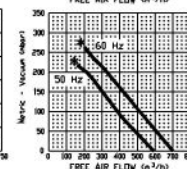
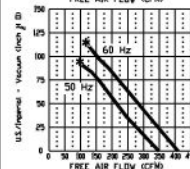
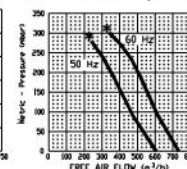
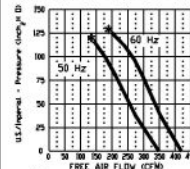
NORMAL AMBIENT -29°C TO 40°C

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.

* DENOTES RECOMMENDED
MAXIMUM DUTY

Product Dimensions U.S. Imperial (inches)

