



Enviro-Equipment, Inc.
Remediation Division

Stock # 1064 AS/SVE Trailer

SPECIFICATIONS

Dimensions: 8' x 16' x 7' trailer. 20' long with tongue Weight: 7,000lb GVWR

AS/SVE Trailer Including:

*******SVE EQUIPMENT*******

- Gast R7100R-50 10HP 3PH Explosion Proof Regenerative Blower
- Solberg Inline Vacuum Filter, Vacuum Relief Valve, Dilution Valve / Filter, Vacuum Gauges
- Solberg Exhaust Silencer, Temperature Gauge, Pressure Gauge, Flow Meter, Sample Port
- 80 Gallon Aluminum KO Tank with Sight Glass and Continuous Level Transmitter
- Goulds KO Tank Discharge Transfer Pump
- 3x 4" SCH 40 PVC SVE Manifold Legs each with Ball Valve, Sample Port, Vacuum Gauge, Pipe connection through wall

*******AIR SPARGE EQUIPMENT*******

- Rietschle DLR 150 Rotary Claw Compressor with 15HP 3PH TEFC Motor
- AIHTI Heat Exchanger with 1/4HP 3PH TEFC Motor
- High Pressure and Temperature Safety Switches
- Temperature and Pressure Gauges
- 1" Blow off Valve with Muffler
- 2x 2" Galvanized Steel Manifold Legs Each with solenoid valve on timer, gate valve, pressure gauge, pipe connection through wall

*******SYSTEM ENCLOSURE*******

- 8x16x7' Hercules Enclosed Cargo Trailer with 3,500lb tandem axles, rear double doors, 36" side door, ¾" flooring, gravel guard on front, 4x heavy duty scissor jacks one at each corner of trailer, 4x heavy duty D rings welded to frame one at each corner of trailer, Finished interiors with insulation in walls/ceiling, Interior Divider Wall
- SVE Room with Explosion Proof Lights, XP Exhaust and XP Heater
- Air Sparge Room with Lights, Exhaust Fan with Thermostat, Remote use thermostats for SVE Room XP Fan and Heater, Room Overtemp Thermostats (Typically set at 104F).
- System Control Panel Located in Air Sparge Room

*******SYSTEM CONTROL PANEL *******

- 230V 3PH Control Panel, UL 508/698, EOS Research PLC with Remote Cellular Access and Alarm Notifications, Timers for Solenoid Valves, HOA Switches, Hour Meters, Alarm Lights, Main Disconnection, Surge Protector, Voltage and Phase Monitor, Intrinsically Safe Relays and Zenyr Barrier, All housed in Nema 4 Enclosure.

*******PICTURES ON FOLLOWING PAGES*******

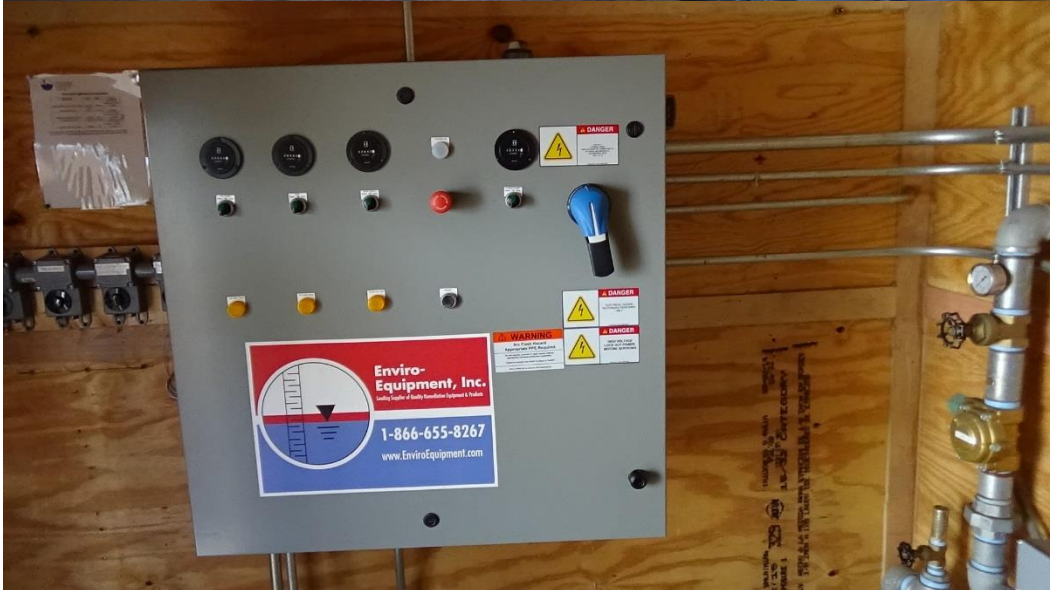
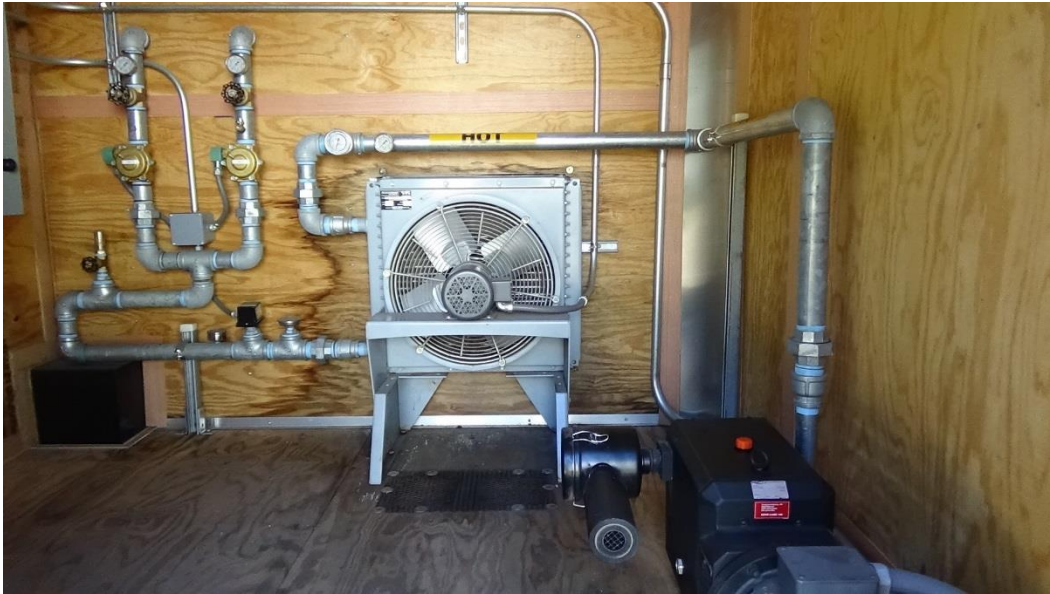


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Compressors

Compresores

Compresseurs

Compressores

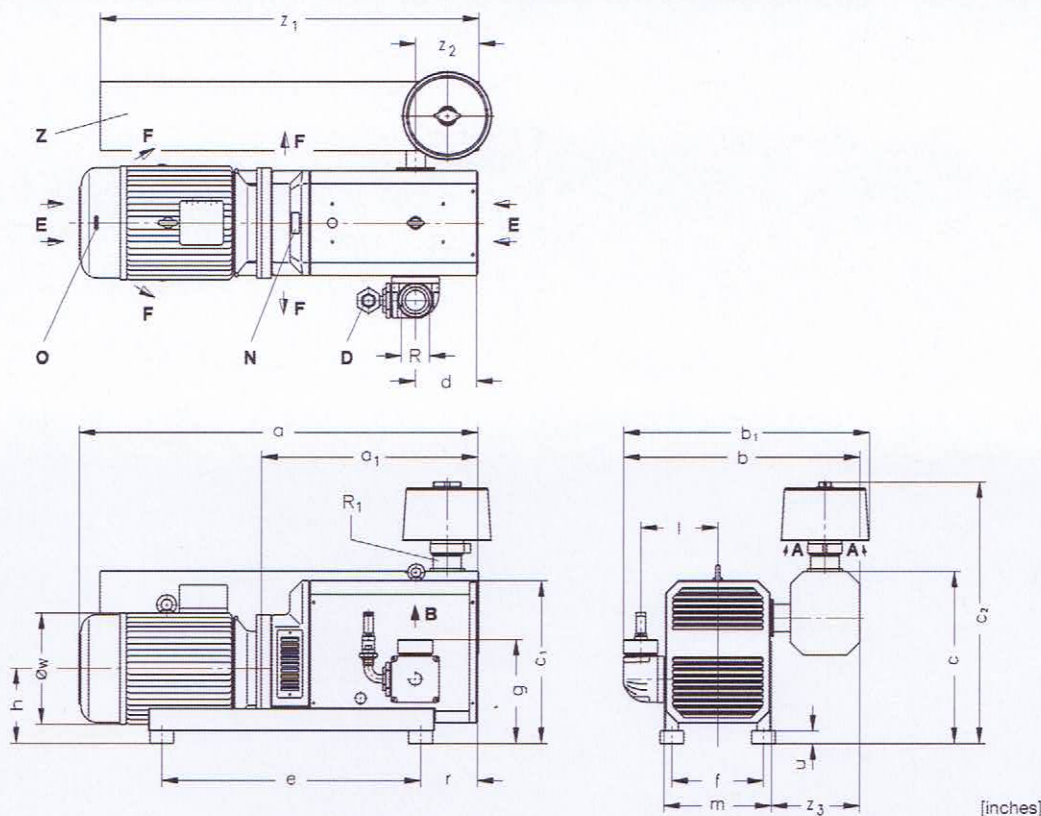
C-DLR

zephyr

C-DLR 60

C-DLR 100

C-DLR 150



[inches]

A	Suction	Succión	Aspiration	Sucção
B	Pressure connection	Conexión presión	Raccord surpression	Conexão da pressão
D	Safety valve	Válvula seguridad	Clapet de sécurité	Válvula de segurança
E	Cooling air entry	Entrada aire refrigerante	Entrée air refroidissement	Entrada do ar refrigerante
F	Cooling air exit	Salida aire refrigerante	Sortie air refroidissement	Saída do ar refrigerante
N	Data plate	Placa fecha	Etiquette caractéristique	Placa da data
O	Rotation arrow	Dirección de rotación	Flèche sens rotation	Direção da rotação
Z	Inlet silencer	Silenciador entrada	Silencieux d'aspiration	Silenciador de entrada

C-DLR		60	100			150		
kw	50 Hz	3.0	3.0	4.0	5.5	5.5	7.5	
hp	60 Hz	5.0	5.0	7.5	10	10	15	
inches	a	50 Hz	27.44	27.36	28.03	32.17	36.26	
		60 Hz	27.44	31.49	33.07	33.07	36.34	37.40
	a ₁	50 Hz	15.28	15.43	15.43	16.22	19.49	
		60 Hz	15.28	17.56	17.56	17.56	20.83	
	b / b ₁		13.70 / 13.70		21.26 / 22.05		21.30 / 22.05	
	c / c ₁ / c ₂		15.04 / 11.61 / 15.04		14.76 / 14.17 / 25.75		18.39 / 14.76 / 25.75	
	d		2.36		3.62		2.28	
	e		9.65		17.32		15.04	
	f		6.30		8.66		6.30	
	g		11.73		8.23		9.41	
	h		6.10		5.91		6.50	
	i		5.43		7.17		7.17	
	m		6.46		10.00		10.00	
	r / u		4.21 / 0.79		3.03 / 0.59		4.56 / 1.18	
	ow	50 Hz	7.72	7.72	8.66	9.69	9.69	
		60 Hz	7.87	7.88	9.57	9.57	9.57	11.47
	z ₁		-		24.65		24.65	
z ₂ / z ₃		-		3.94 / 7.28		3.94 / 7.28		
R / R ₁		1" NPT / BSP 1"		1½" NPT / BSP 1½"		1½" NPT / BSP 1½"		

DA 881/1

1.2.2006

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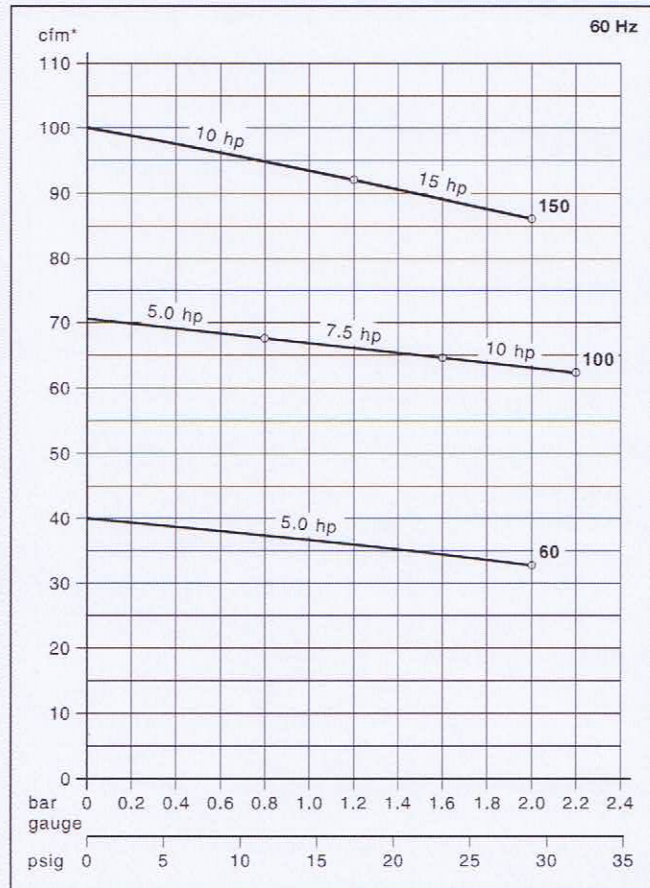
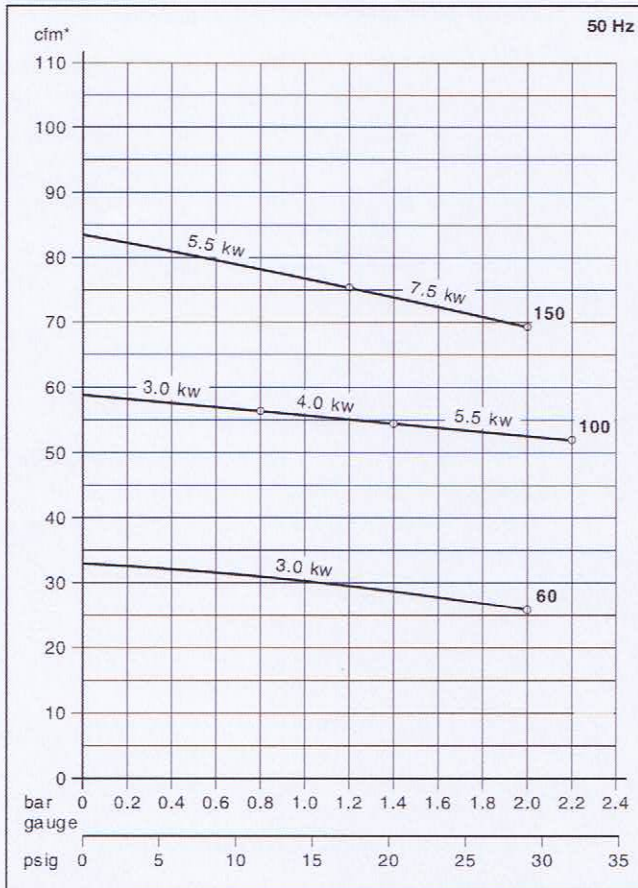
e-mail: sales.hanover@

gardnerdenver.com

www.gd-elmoietschle.com

C-DLR		60	100	150
cfm	50 Hz	33.0	58.9	83.6
	60 Hz	40.0	70.6	100
psig	50 Hz	29.0	11.6	17.4
	60 Hz	29.0	11.6	17.4
3 ~	50 Hz	230/400V ± 10%		400/690V ± 10%
	60 Hz	208-230/415-460V ± 10%		208-230/460V ± 10%
kw	50 Hz	3.0	4.0	5.5
hp	60 Hz	5.0	7.5	10
A	60 Hz	15/7.5	13.2-12/6.0	21-18.8/9.4
rpm	50 Hz	2850		25-24/12
	60 Hz	3450		25-24/12
dB(A)	50 Hz	78	79	80
	60 Hz	79	83	81
lbs	50 Hz	143	232	333
	60 Hz	143	259	345
qt		0.4	0.55	0.6
ZRZ		#	40	40
ZDR		#	40	40
ZPD		-	-	-
ZMS / ZAD		#	#	#

cfm	Capacity	Capacidad	Volume engendré	Capacidade
psig	Excess pressure	Exceso de presión	Surpression	Pressão excessiva
3 ~	Motor version	Versión motor	Exécution moteur	Versão do motor
kw / hp	Motor rating	Datos motor	Puissance moteur	Potência do motor
A	Full load amperage	Amperaje de plena carga	Intensité absorbée	Amperagem da carga total
rpm	Speed	Velocidad	Vitesse rotation	Velocidade
dB(A)	Average noise level	Nivel de ruido medio	Niveau sonore moyen	Nível médio de ruído
lbs	Weight	Peso	Poids	Peso
qt	Oil capacity (Gear)	Instrumentos capacidad aceite	Charge d'huile (Engrenage)	Engrenagem da capacidade do óleo
ZRZ	Accessories	Accesorios	Accessoires	Acessórios
ZDR	Non return leaf	Válvula retención	Clapet anti-retour	Válvula sem retorno
ZPD	Pressure regulating valve	Válvula reguladora de presión	Valve de réglage pression	Válvula de regulagem da pressão
ZMS	Pulsation silencer	Silenciador de pulsación	Absorbeur de pulsations	Silenciador de pulsação
ZAD	Motor starter	Arranque motor	Disjoncteur moteur	Arranque do motor
ZBZ	Soft starter	Soft starter	Démarrage progressif	Soft starter
	Sound box	Caja de sonido	Caisson insonorisant	Canóia



* Capacity refers to free air at 1 standard atmosphere and 20° C (68° F) / La capacidad se refiere al aire libre a 1 atmosfera estándar de presión y a 20° C (68° F) de temperatura. / Le débit est mesuré à l'atmosphère de 1 bar (abs.) à 20° C (68° F) / A capacidade refere-se ao ar livre a uma atmosfera padrão 1 e a 20° C (68° F).
 Curves and tables refer to compressor at normal operating temperature. / Las curvas y las tablas se refieren al compresor a la temperatura normal de operación. / Les courbes et tableaux sont établies, compresseur à température de fonctionnement. / As curvas e tabelas referem-se ao compresor a temperatura normal de operação.
 Technical information is subject to change without notice! / La información técnica está sujeta a cambios sin previo aviso! / Sous réserve de modification technique. / A informação técnica está sujeita a mudança sem aviso prévio!
 The listed values for a, ow and full load amperage may vary because of different motor manufacturers. / Los valores listados para a, ow y para el amperaje de carga completa pueden variar para distintos fabricantes de motores. / Les dimensions a et ow ainsi que l'ampérage peuvent différer des données indiquées ci-dessus, selon le fabricant du moteur. / Como variam os fabricantes de motores, poderá haver variação dos valores indicados para a, ow e para uma amperagem da carga total.
 # on request # on pedido # sur demande # a pedido



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PART NUMBER:

LTD188

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
R7100R-50	208-230/460-60-3	3450	110	274	100	248	10	7,5	316	143
	190-220/380-415-50-3	2850	85	212	90	224	8	6		

REDUCE MAX. DUTY RATINGS BY 10" H₂O WHEN OPERATING FROM 207 TO 187 VOLTS 60 Hz.

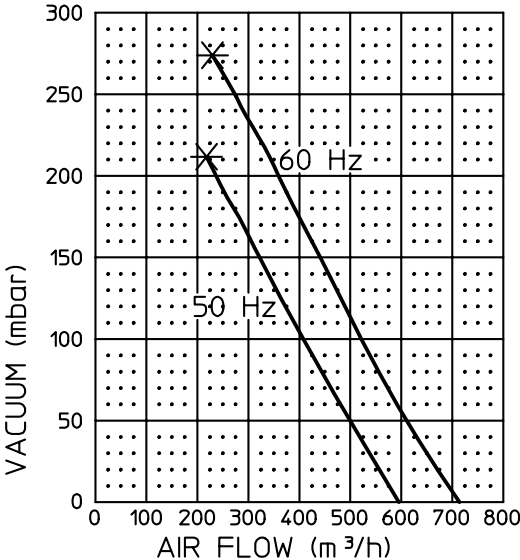
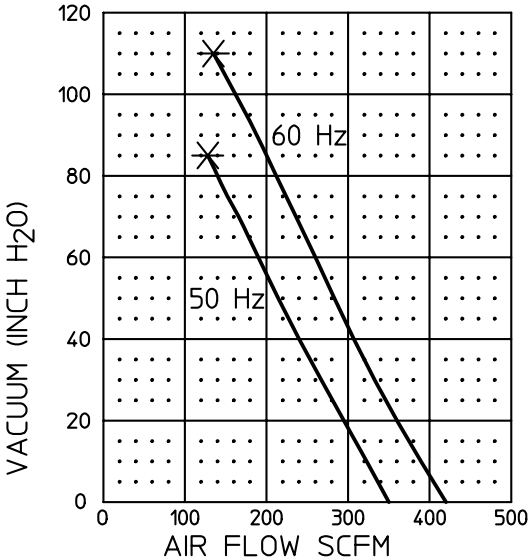
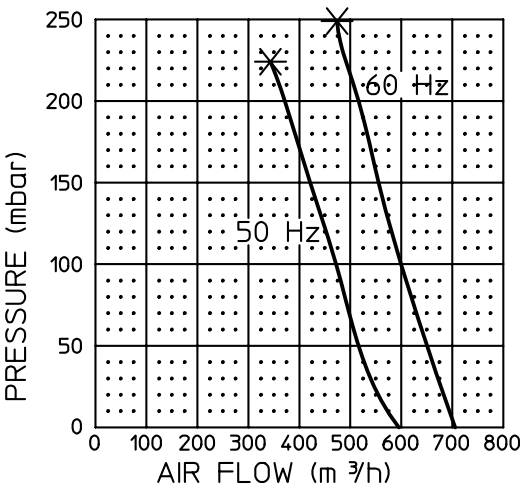
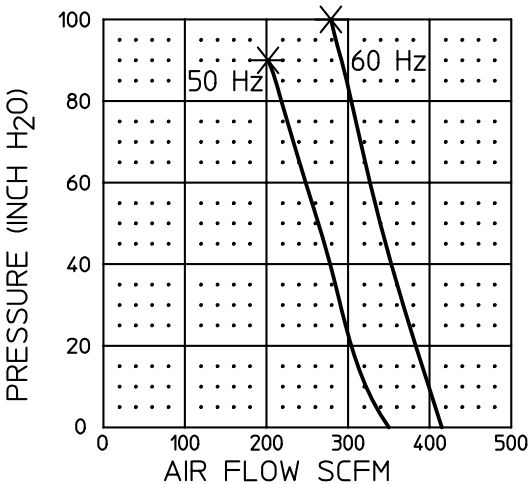
SOUND LEVEL 78/75 dB(A) MAX. @ 60/50 Hz
NORMAL AMBIENT -29°C TO 40°C
RELATIVE HUMIDITY 0% - 100% NON CONDENSING
ENVIRONMENT CLEAN DUST FREE

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.

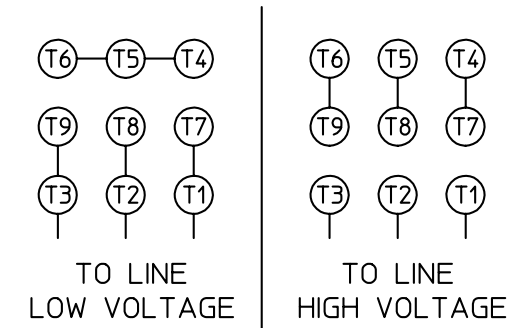
SUCTION MEASUREMENTS MADE WITH INPUT PORT THROTTLED.

TEST CONDITIONS: INLET AIR DENSITY @ 0.075 lbs. per cu. ft. [20°C (68°F), 29.92" Hg (14.7 PSIA)].

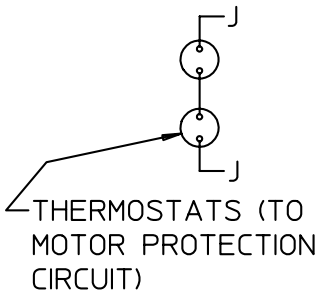
NORMAL PERFORMANCE VARIATIONS ON THE RISISTANCE CURVE WITHIN ±10% OF SUPPLIED DATA CAN BE EXPECTED.

* DENOTES RECOMMENDED MAXIMUM DUTY

MOTOR WIRING DIAGRAM



3 PHASE NINE LEAD MOTOR



THERMOSTATS (TO MOTOR PROTECTION CIRCUIT)

Product Dimensions inches / mm

