COMPRESSOR MODEL NUMBER SYSTEM

H 2 9 B 18U A B C A

Mounting Feet Dim .....A = 7.5 x 7.5 B = 4.8 x 8.0 C = 8.4 x 9.8 D = 6.12 x 8.0 E = 9.5 x 9.5
.....F = 10.5 x 10.5 H = 7.5 x 21.5 J = 7.5 x 22.5 X = 8.8 x 6.1

Electrical Characteristics.....A= 115-1-60 M= 220/200-3-50
.....B= 230-1-60 N= 380/415-3-50
.....C= 230/208-1-60 P= 240/200-1-50
.....D= 230/208-3-60 (220/200-3-50) T= 208-1-60
.....E= 460-3-60 (380/415-3-50) U= 220/380-3-60
.....F= 575-3-60 (500-3-50) V= 460/380-3-60 (380/415-3-50)
.....G= 200-1-60 W= 380/460-3-60
.....H= 265-1-60 (220/240-1-50) X= 380-3-60
.....J= 230/208-1-50 Y= 230/208-3-60 (No 50 hz)
.....K= 220/240-1-50 Z= 380/415-3-50 hz
.....L= 230/200-3-60 (220/200-3-50)

Motor Protector .....B= Internal Line Break
.....P= Pilot Duty - Solid State
.....R= Pilot Duty - Solid State (2nd Generation)
.....T= Pilot Duty - Internal Thermostat and External Sensing Elements

Motor Type .....A= PSC Permanent Split Capacitor F= PWS 3 Phase-Part Winding Start
.....B= CSR Capacitor Start/Cap. Run G= 3 Phase 2/4/Pole (2 Speed)
.....C= RSCR Resistance Start/Cap. Run J= 1 Phase 2/4 Pole (2 Speed)
.....D= AI 3 Phase-Across the Line K= 3 Phase-Dual Voltage
.....E= CSIR Cap. Start/Induction Run L= 3 Phase - WYE DELTA

Capacity .....183= 18+3-0's = 18,000; 244 = 24+4-0's = 240,000 BTU/HR
.....18U= 18+3-0's = 18,000 BTU/HR

Family .....A= Model A Reciprocating G= Model G Reciprocating
.....B= Model B Reciprocating R= Scroll (>42K)
.....C= Scroll (≤42K)
.....D= Dual Compressor Application

Generation .....B= Second Generation- No PRV (Except G series) 2= Third Generation - Basic Standard Model
.....D= Dual Compressor Application (Single & Interconnected) 3= Fourth Generation - Basic Standard Model
.....E= High Efficiency 4= Basic Standard Model - Improved Sound
.....M= Alternate Pressure Relief Valve 5= Inertia Series - Standard Model
.....N= No Pressure Relief Valve (Except G series) 6 = Inertia Series - Hi Efficiency Model
.....O= Basic Standard Model 7 = Inertia Series - Second Generation Hi Efficiency Model
.....P= Basic Standard Model- Upgrade Plus 8 = Fifth Generation- Basic Standard Model Upgrade
.....1= Second Generation - Basic Standard Model 9 = Sixth Generation- Basic Standard Model Upgrade

Type of Refrigerant .....1= R12 5= R502 or Alt. Replacement Refrigerant SUVA-HP-81 (Refrigerant R402B)
.....2= R22 6= R404A (SUVA HP62)
.....4= R134a 7= R407C (SUVA AC9000 or KLEA 66) 8= R410A

Refrigeration Application .....H= High Temperature S= High Temperature (One Capacity / 1,2,3, or 4 cylinder) Half/Single
.....M= Medium Temperature T= High Temperature (Two Capacities / 2 or 4 cylinder)- Twin/Single
.....L= Low Temperature

Family

Reciprocating Compressors Serial Number System

Scroll Compressors Serial Number System

Example: S3702K00001
S = Scroll Technologies
37 = Production Week
02 = Year
K = State (Arkansas)
00001 = Sequence # of Units Built During Week

Julian Date of Manufacture:
Year Manufactured
Mfg. Location
Daily Unit Manufactured

108 02 2 00235

00235= 235th unit of the day

0 or 2 = Bristol

02 = 2002

108 = April 18th

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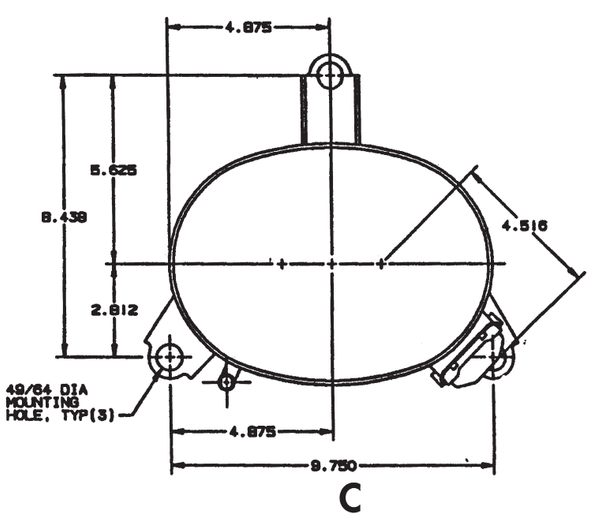
MOUNTING FEET CONFIGURATION



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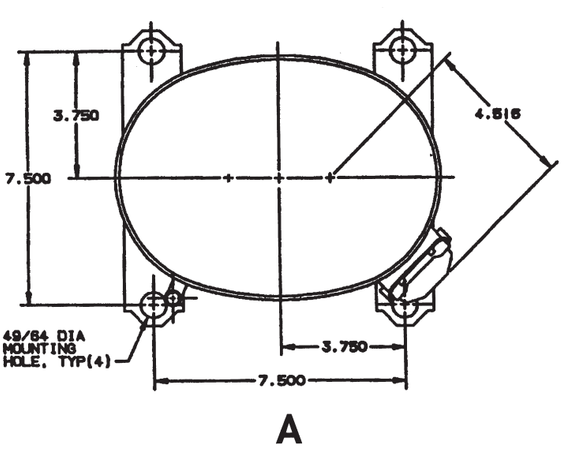

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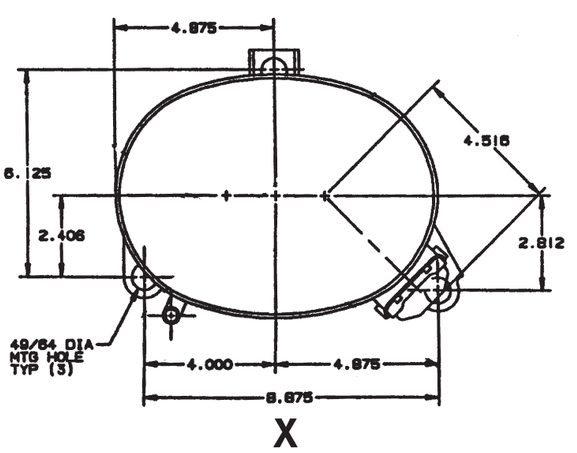

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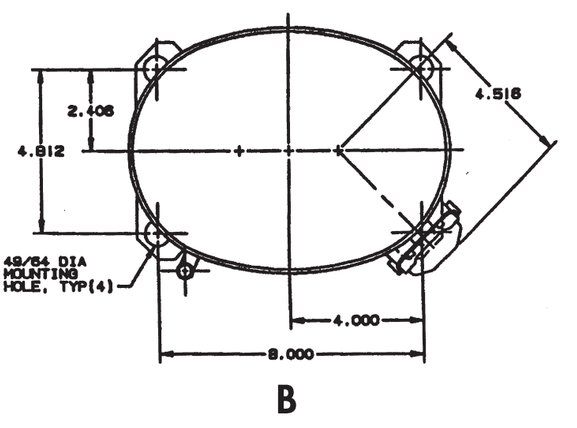


B

H73A *SERIES (R407C)* 50 HZ

Model	@45/130 Capacity BTU/H	WATTS	Motor Input WATTS	EER/COP BTU/WH	W/W	@45/100 Capacity BTU/H	Motor Input WATTS	EER BTU/WH	@45/110 Capacity BTU/H	Motor Input WATTS	EER BTU/WH	Electrical Data RLA	LRA	MCC	Displacement IN³/REV	CM³/REV
220/240 VOLTS - 1 Phase																
H73A263ABH	18511	5432	1965	9.4	2.8	26946	1663	16.2	23843	1754	13.6	10.6	62	18	3.01	49.30
H73A283ABK	19071	5596	2043	9.3	2.7	27513	1772	15.5	24713	1772	13.9	11.0	62	20	3.16	51.76
H73A303ABH	20423	5993	2195	9.3	2.7	29101	1874	15.5	26202	1993	13.1	11.4	62	20	3.28	53.73
H73A323ABH	22181	6508	2388	9.3	2.7	31312	2035	15.4	28116	2149	13.1	12.5	72	22	3.52	57.66
H73A353ABH	24330	7139	2637	9.2	2.7	33963	2265	15.0	30663	2387	12.8	13.8	78	25	3.78	61.92
H73A383ABK	27579	8092	2910	9.5	2.8	38091	2494	15.3	34573	2633	13.1	15.5	82	28	4.04	66.18
H73A423ABK	29782	8739	3091	9.6	2.8	40629	2650	15.3	37098	2801	13.2	16.7	90	28	4.43	72.56
H73A463ABK	33398	9800	3401	9.8	2.9	45457	2822	16.1	41676	3052	13.7	18.8	101	33	4.75	77.81
220/200 VOLTS - 3 Phase																
H73A263DBL	18521	5434	1938	9.6	2.8	26961	1640	16.4	23856	1730	13.8	7.0	55	14	3.01	49.30
H73A303DBL	20608	6047	2169	9.5	2.8	29364	1852	15.9	26438	1969	13.4	9.0	76	16	3.28	53.73
H73A323DBL	22276	6536	2394	9.3	2.7	32152	2016	15.9	28873	2138	13.5	9.4	76	16	3.52	57.66
H73A353DBL	24503	7190	2603	9.4	2.8	34203	2207	15.5	30884	2336	13.2	10.0	76	18	3.78	61.92
H73A383DBL	27237	7992	2834	9.6	2.8	37618	2399	15.7	34145	2544	13.4	10.7	82	20	4.04	66.18
H73A423DBL	30220	8867	3063	9.9	2.9	41226	2597	15.9	37646	2759	13.6	11.2	82	20	4.43	72.56
H73A463DBL	33608	9861	3500	9.6	2.8	45556	2990	15.2	41684	3227	12.9	12.7	90	24	4.75	77.81
H73A503DBL	36086	10588	3900	9.3	2.7	50240	3307	15.2	45884	3567	12.9	14.7	106	25	5.17	84.68
H73A543DBL	39647	11633	4173	9.5	2.8	54155	3589	15.1	49299	3882	12.7	15.1	106	25	5.55	90.91
H73A563DBL	40419	11860	4201	9.6	2.8	55281	3617	15.3	50548	3955	12.8	15.9	124	30	5.66	92.71
H73A623DBL	44475	13050	4637	9.6	2.8	61093	4003	15.3	54835	4286	12.8	18.0	124	32	6.17	101.06
380/415 VOLTS - 3 Phase																
H73A263DBE	18379	5393	2006	9.2	2.7	26758	1699	15.7	23667	1792	13.2	3.8	30	8	3.01	49.30
H73A303DBE	20327	5964	2114	9.6	2.8	29089	1801	16.2	26325	1947	13.5	4.1	30	8	3.28	53.73
H73A323DBE	22869	6710	2336	9.8	2.9	32199	1966	16.4	28934	2085	13.9	4.3	30	8	3.52	57.66
H73A353DBE	24503	7190	2550	9.6	2.8	34203	2161	15.8	30884	2288	13.5	5.0	35	8	3.78	61.92
H73A383DBE	26728	7843	2753	9.7	2.8	36914	2331	15.8	33506	2471	13.6	5.2	39	10	4.04	66.18
H73A423DBE	29965	8792	3099	9.7	2.8	40879	2628	15.6	37326	2789	13.4	5.8	39	10	4.43	72.56
H73A463DBE	33012	9686	3477	9.5	2.8	44747	2971	15.1	40950	3206	12.8	6.3	45	13	4.75	77.81
H73A503DBE	35932	10543	3806	9.4	2.8	49987	3230	15.5	45666	3482	13.1	6.7	53	13	5.17	84.68
H73A543DBE	39136	11483	4038	9.7	2.8	53458	3472	15.4	48666	3754	13.0	7.2	53	13	5.55	90.91
H73A563DBE	40441	11866	4122	9.8	2.9	55262	3552	15.6	50546	3885	13.0	7.5	62	14	5.66	92.71
H73A623DBE	44050	12925	4547	9.7	2.8	60508	3925	15.4	54314	4201	12.9	8.2	62	16	6.17	101.06

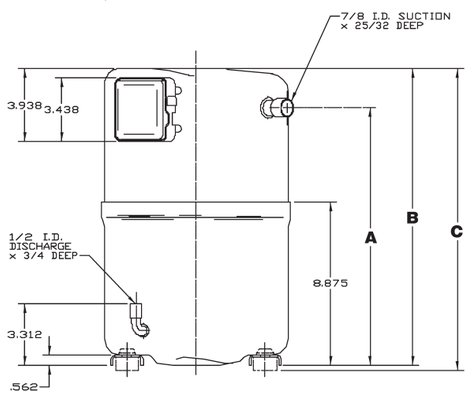
*Data Subject to Revision

H73A SERIES (R407C) 50 HZ

Model	Oil Charge OZ	L	Weight Net Lbs	Kg	Ship Lbs	Kg	ELECTRICAL START COMPONENTS Run Capacitor MFD/VOLTS	Start Capacitor MFD/VOLTS	G.E. Relay	DIMENSIONS *DIAGRAMS FOUND ON PAGE 67 A IN	MM	B IN	MM	C IN	MM
220/240 VOLTS - 1 Phase															
H73A263ABH	50	1.5	71.5	32.5	76.0	34.5	35/370	145-175/250	3ARR3*10AS*	12.5	317.2	14.6	371.3	14.9	378.4
H73A283ABK	50	1.5	71.5	32.5	76.0	34.5	35/370	145-175/250	3ARR3*10AS*	12.5	317.2	14.6	371.3	14.9	378.4
H73A303ABH	50	1.5	73.5	33.4	78.0	35.5	35/370	145-175/250	3ARR3*10AS*	12.5	317.2	14.6	371.3	14.9	378.4
H73A323ABH	50	1.5	73.5	33.4	78.0	35.5	40/370	145-175/250	3ARR3*10AT*	12.5	317.2	14.6	371.3	14.9	378.4
H73A353ABH	50	1.5	74.0	33.6	78.5	35.7	35/370	145-175/250	3ARR3*25AV*	12.5	317.2	14.6	371.3	14.9	378.4
H73A383ABK	50	1.5	78.0	35.5	82.5	37.5	35/440	145-175/330	3ARR3*4AA*	12.5	317.2	14.6	371.3	14.9	378.4
H73A423ABK	50	1.5	78.0	35.5	82.5	37.5	40/440	145-175/330	3ARR3*27AA*	12.5	317.2	14.6	371.3	14.9	378.4
H73A463ABK	55	1.6	85.0	38.6	89.5	40.7	40/440	145-175/330	3ARR3*4AA*	14.0	355.3	16.1	409.4	16.4	416.5
220/200 VOLTS - 3 Phase															
H73A263DBL	50	1.5	72.0	32.7	76.5	34.8	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A303DBL	50	1.5	72.0	32.7	76.5	34.8	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A323DBL	50	1.5	73.0	33.2	77.5	35.2	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A353DBL	50	1.5	73.0	33.2	77.5	35.2	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A383DBL	50	1.5	74.0	33.6	78.5	35.7	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A423DBL	50	1.5	74.0	33.6	78.5	35.7	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A463DBL	55	1.6	74.0	33.6	78.5	35.7	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A503DBL	55	1.6	79.5	36.1	84.0	38.2	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A543DBL	55	1.6	79.5	36.1	84.0	38.2	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A563DBL	55	1.6	83.0	37.7	87.5	39.8	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A623DBL	55	1.6	83.0	37.7	87.5	39.8	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
380/415 VOLTS - 3 Phase															
H73A263DBE	50	1.5	72.0	32.7	76.5	34.8	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A303DBE	50	1.5	72.0	32.7	76.5	34.8	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A323DBE	50	1.5	73.0	33.2	77.5	35.2	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A353DBE	50	1.5	73.0	33.2	77.5	35.2	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A383DBE	50	1.5	74.0	33.6	78.5	35.7	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A423DBE	50	1.5	74.0	33.6	78.5	35.7	-Not Req'd	-Not Req'd	-Not Req'd	12.5	317.2	14.6	371.3	14.9	378.4
H73A463DBE	55	1.6	74.0	33.6	78.5	35.7	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A503DBE	55	1.6	79.5	36.1	84.0	38.2	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A543DBE	55	1.6	79.5	36.1	84.0	38.2	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A563DBE	55	1.6	83.0	37.7	87.5	39.8	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5
H73A623DBE	55	1.6	83.0	37.7	87.5	39.8	-Not Req'd	-Not Req'd	-Not Req'd	14.0	355.3	16.1	409.4	16.4	416.5

A FAMILY

A *FAMILY* Diagrams



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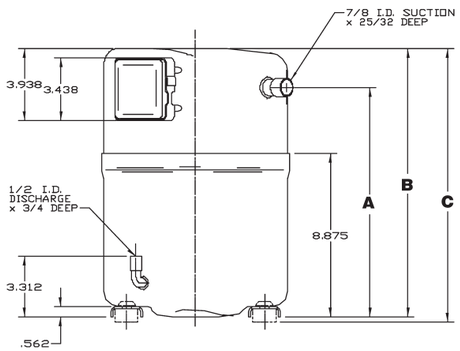

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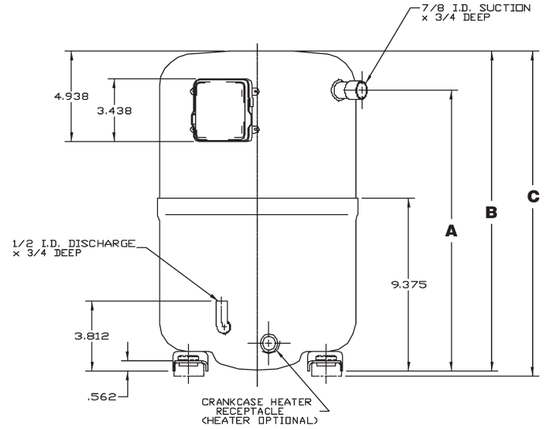

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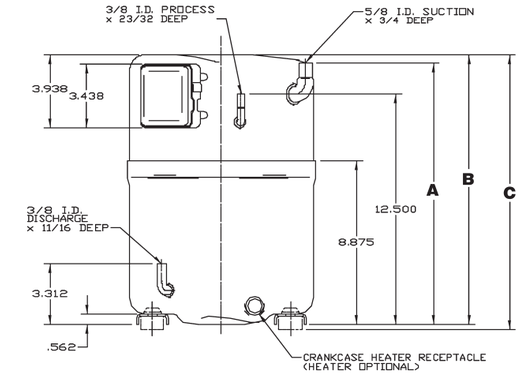

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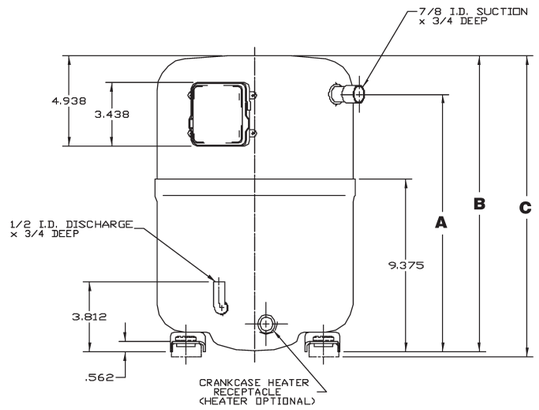

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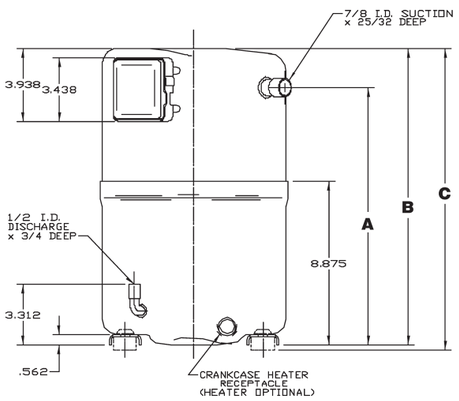

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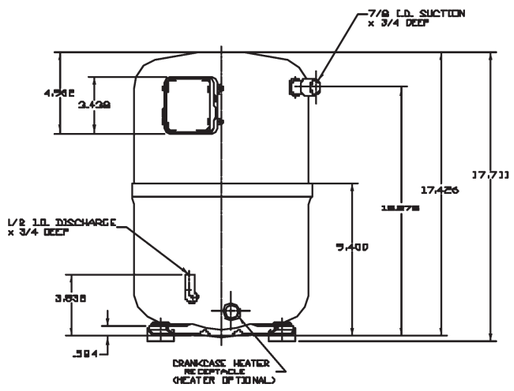

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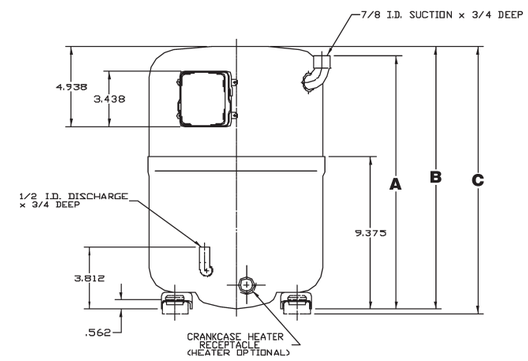

H79A

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