



Bergstrom
Climate Control Systems

HD-1000

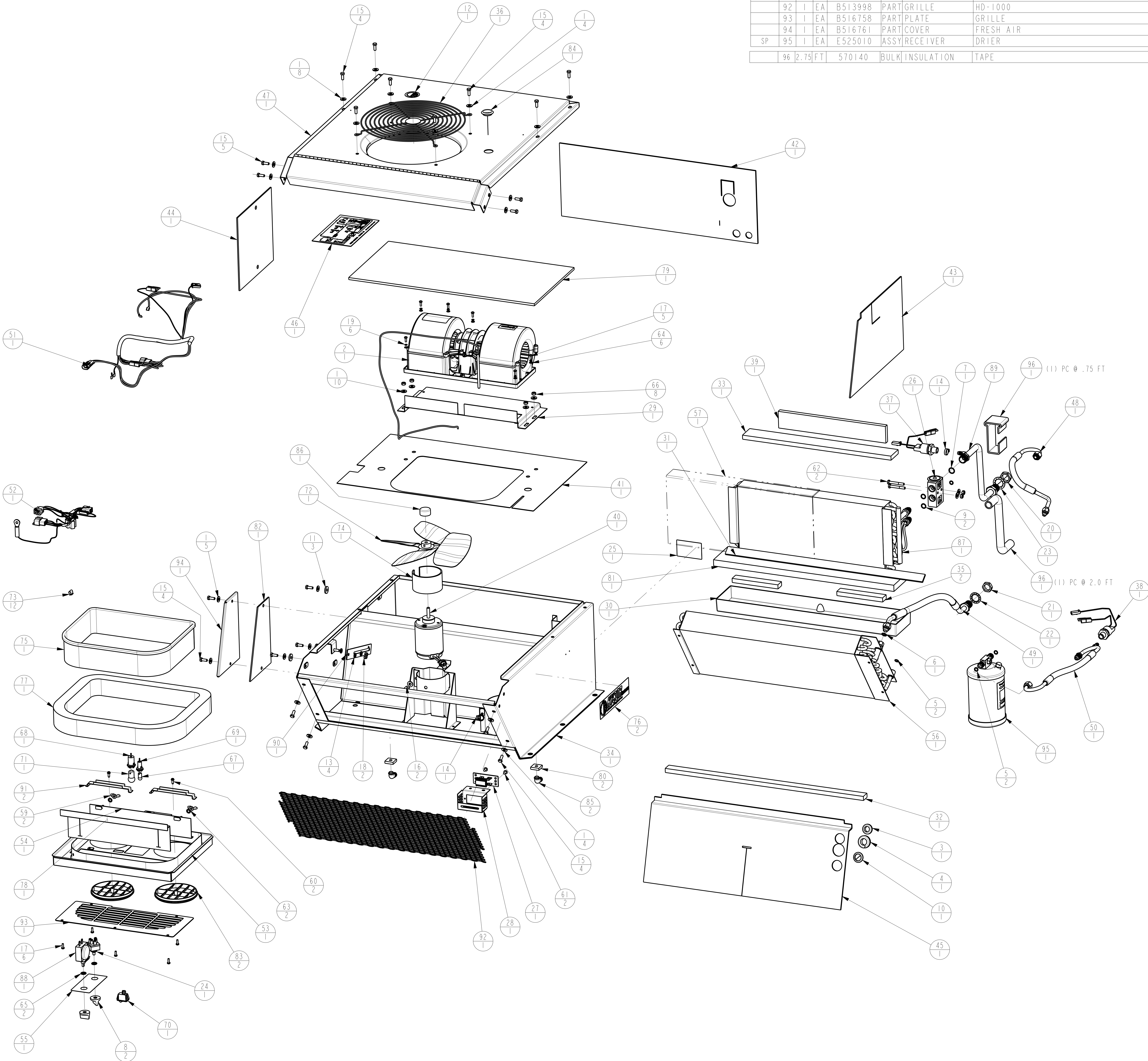
Air Conditioner 12V

3380007 / 1000258580

MARCH 30, 2012

SP	88	1	EA	B404028	PART	THERMOSTAT	
	89	1	EA	B405807	ASSY	TUBE ASSEMBLY	TXV TO COMPRESSOR
	90	1	EA	B513974	PART	PLATE	COVER LATCH
	91	2	EA	B513988	PART	BRACKET	LOUVER
	92	1	EA	B513998	PART	GRILLE	HD-1000
	93	1	EA	B516758	PART	PLATE	GRILLE
	94	1	EA	B516761	PART	COVER	FRESH AIR
SP	95	1	EA	E525010	ASSY	RECEIVER	DRIER
	96	2.75	FT	570140	BULK	INSULATION	TAPE

SERVICE PARTS		ITEM	QTY	U/M	PART NUMBER	TYPE	NOUN	DESCRIPTION
		1	31	EA	509700	PART	WASHER	.25IN FLAT FS 4B4276
SP		2	1	EA	519703	ASSY	ASSEMBLY	BLOWER 12V
		3	1	EA	520237	PART	GROMMET	
		4	1	EA	520431	PART	GROMMET	
		5	4	EA	525365	PART	O-RING	7.65 X 11.20 MM, HNBR
		6	1	EA	525367	PART	O-RING	10.82MM I.D. X 14.38 MM O.D., HNBR
		7	1	EA	525369	PART	O-RING	14.00 MM I.D. x 17.55 MM O.D, HNBR
SP		8	2	EA	525588	PART	KNOB	HTR. - A/C CONTROL
		9	2	EA	564700	PART	O-RING	O-Ring, #8 HNBR (GREEN)
		10	1	EA	572360	PART	GROMMET	
		11	3	EA	577760	PART	WASHER	RUB. RESIS. MTG.
		12	1	EA	578410	PART	DECAL	BERGSTROM DEFROST FAN
		13	4	EA	582750	PART	WASHER	1/4" NYLON RESISTOR
		14	2	EA	587750	PART	TIE	CABLE
		15	21	EA	600106	PART	SCREW	M6 X 16mm HEX HEAD
		16	2	EA	600113	PART	SCREW	M6 X 1.00 H.H. 25 mm LONG
		17	11	EA	600147	PART	SCREW	M4 X 12mm PHILLIPS HEAD
		18	2	EA	610051	PART	NUT	M6 NYLOC
		19	6	EA	620230	PART	WASHER	NO 8 SPLIT RING
		20	1	EA	620750	PART	LOCKNUT	7/8-14 BULKHEAD, 37 DEG FLARE
		21	1	EA	620820	PART	NUT	3/4-16 HEX JAM
		22	1	EA	620870	PART	LCKWSHR	.75in. INT TTH
		23	1	EA	620880	PART	LCKWSHR	.87in. INT TTH
SP		24	1	EA	650657	PART	SWITCH	BLOWER
		25	1	EA	1000292968	PART	DECAL	KYSOR I.D.
SP		26	1	EA	1000300919	PART	VALVE	EXP. (BLOCK)
SP		27	1	EA	1000303268	PART	RESISTOR	12V W2 152C FUSE
		28	1	EA	1000315401	PART	BRACKET	RESISTOR
		29	1	EA	1000328003	ASSY	WELDMENT	BLOWER SUPPORT
		30	1	EA	1000328037	ASSY	ASSEMBLY	DRAIN PAN
		31	1	EA	1000328227	PART	GASKET	CONDENSER TOP
		32	1	EA	1000328231	PART	GASKET	CONDENSER BOTTOM
		33	1	EA	1000328234	PART	GASKET	EVAPORATOR TOP
		34	1	EA	1000328292	ASSY	WELDMENT	HD1000 CASE
		35	2	EA	1000328546	PART	GASKET	AIR SEAL
		36	1	EA	1000335550	PART	GUARD	FAN
SP		37	1	EA	1000347081	ASM	SWITCH	LOW PRESSURE
SP		38	1	EA	1000348693	ASM	SWITCH	HIGH PRESSURE
		39	1	EA	1000348806	PART	GASKET	EVAPORATOR SIDE
SP		40	1	EA	1000348812	ASSY	MOTOR	12V - CWSE
		41	1	EA	1000348959	PART	GASKET	CASE BOTTOM
		42	1	EA	1000348969	PART	GASKET	BACK CASE
		43	1	EA	1000348982	PART	GASKET	CASE SIDE
		44	1	EA	1000348998	PART	GASKET	CASE SIDE
		45	1	EA	1000349002	PART	GASKET	CENTER PLATE
		46	1	EA	1000349050	PART	DECAL	CIRCUIT DIAGRAM
		47	1	EA	1000349242	ASSY	WELDMENT	COVER
		48	1	EA	1000349243	ASSY	HOSE	ASSY - CONDENSER TO DRYER
		49	1	EA	1000349244	ASSY	HOSE ASSY	COMP. TO COND.
		50	1	EA	1000349245	ASSY	HOSE ASSY	RECEIVER DRYER TO TXV
		51	1	EA	1000352075	ASSY	HARNESS	WIRE AC KA-300 / HD-1000
		52	1	EA	1000352084	ASSY	HARNESS	WIRE AC KA-300 / HD-1000
		53	1	EA	1000355582	ASM	WELDMENT	TRANSFER CHAMBER A/C
		54	1	EA	1000355596	ASM	WELDMENT	TRANSFER CONTROL A/C
		55	1	EA	1000355931	PART	DECAL	A/C CONTROL
SP		56	1	EA	1000359209	ASSY	COIL	CONDENSER
		57	1	EA	1000360247	PART	FILTER	COIL CONDENSATE
		58	1	EA	1000360286	ASSY	KIT	HD-1000 A/C INSTALLATION (NOT SHOWN)
		59	2	EA	1000360522	PART	NUT	M6 WING
		60	2	EA	B200219	PART	SCREW	#8 PLASTITE HX HD WSHR
		61	2	EA	B200306	PART	SCREW	#10 X 1/2 HEX W/WASHER
		62	2	EA	B201859	PART	SCREW	M6 X 1.0, HX
		63	2	EA	B202210	PART	WASHER	EXTERNAL LOCK TOOTH
		64	6	EA	B202771	PART	WASHER	FLAT METRIC SIZE 4
		65	2	EA	B203819	PART	NUT	7/16-28 HEX SWITCH
		66	8	EA	B203868	PART	NUT	M6 X 1.0, PITCH HEX GR 8.8
SP		67	1	EA	B220001	PART	LAMP	12V MINIATURE
		68	1	EA	B221100	ASSY	ELEC ASSY	LIGHT SOCKET TERM
		69	1	EA	B221102	ASM	ELEC ASSY	LIGHT SOCKET TERM
SP		70	1	EA	B221104	PART	SWITCH	TIPPETTE (AC ON-OFF SWITCH)
SP		71	1	EA	B221107	PART	LAMP	12V
SP		72	1	EA	B265600	PART	FAN	BLADE 10"
		73	12	EA	B290215	PART	CLIP	
		74	1	EA	B300242	PART	INSULATOR	MOTOR
		75	1	EA	B300551	PART	BOOT	RUBBER
		76	2	EA	B342625	PART	DECAL	KYSOR
		77	1	EA	B354195	PART	GASKET	ROOF TOP MOUNT
		78	1	EA	B354892	PART	GASKET	CHAMBER SEAL
		79	1	EA	B355032	PART	SEAL	COVER
		80	2	EA	B355034	PART	GASKET	DRAIN SEAL
		81	1	EA	B355097	PART	FOAM	
		82	1	EA	B355180	PART	GASKET	FRESH AIR COVER
SP		83	2	EA	B360157	PART	LOUVER	OUTLET
		84	1	EA	B360313	PART	PLUG	1.0" PLASTIC
		85	2	EA	B360790	PART	DRAIN	ELBOW FITTING
		86	1	EA	B360827	PART	CAP	1.06 ID
SP		87	1	EA	B400168	PART	COIL	EVAPORATOR



METRIC

UNLESS OTHERWISE SPECIFIED,
ALL DIMENSIONS ARE IN MILLIMETRES
SURFACE FINISH IN MICROMETRES F20

UNSPECIFIED TOLERANCES:

DIMENSIONS WITH OUT TOL. ARE REFERENCE

MACHINED SURFACE FINISH F13

GEOMETRIC DIMENSIONING AND TOLERANCING
PRACTICES SHALL CONFORM TO BERGSTROM
DRAWING STANDARDS

THIRD ANGLE PROJECTION

ITEM DESCRIPTION: A/C, HD-1000 ASSEMBLY - 12 V

SEE BOM

CREATED BY: Vishnu Kodakol

LAST MODIFIED BY: Vishnu Kumar Am

CREATED ON: 23DEC2011

LAST MODIFIED ON: 02APR2012

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SERVICE

CUSTOMER REV: N/A

DRAWING STATUS: Released

CAD TYPE: Pro/E

PROJECT NUMBER: 103278

CUSTOMER: N/A

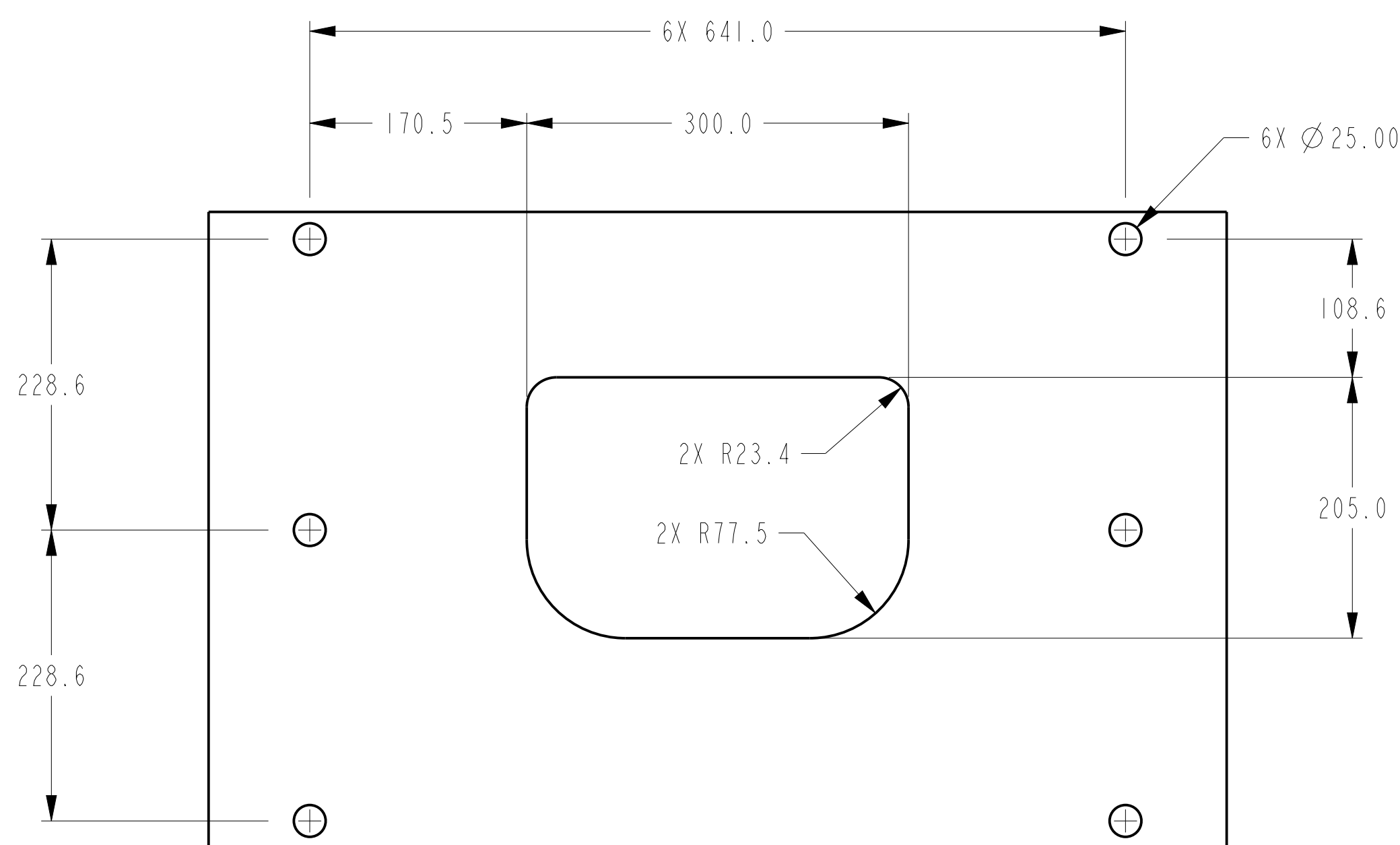
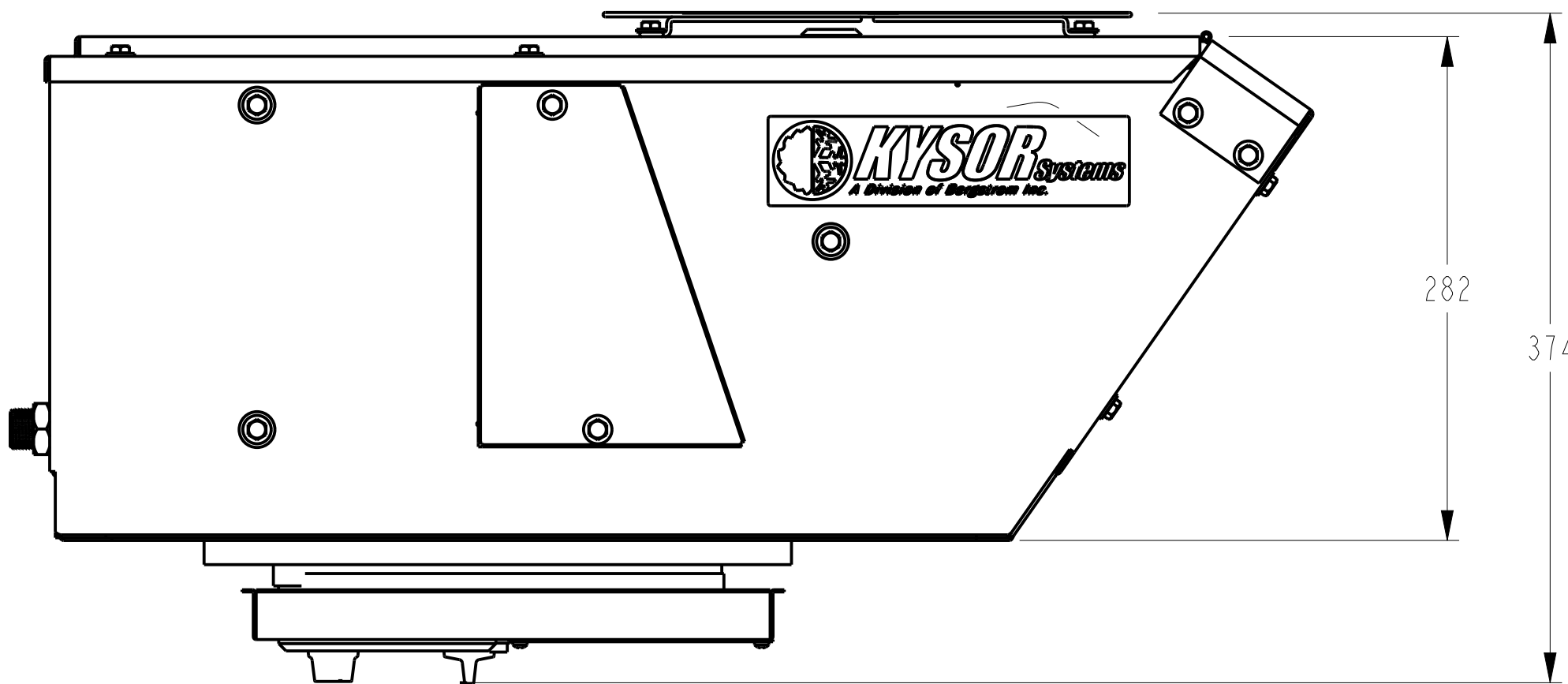
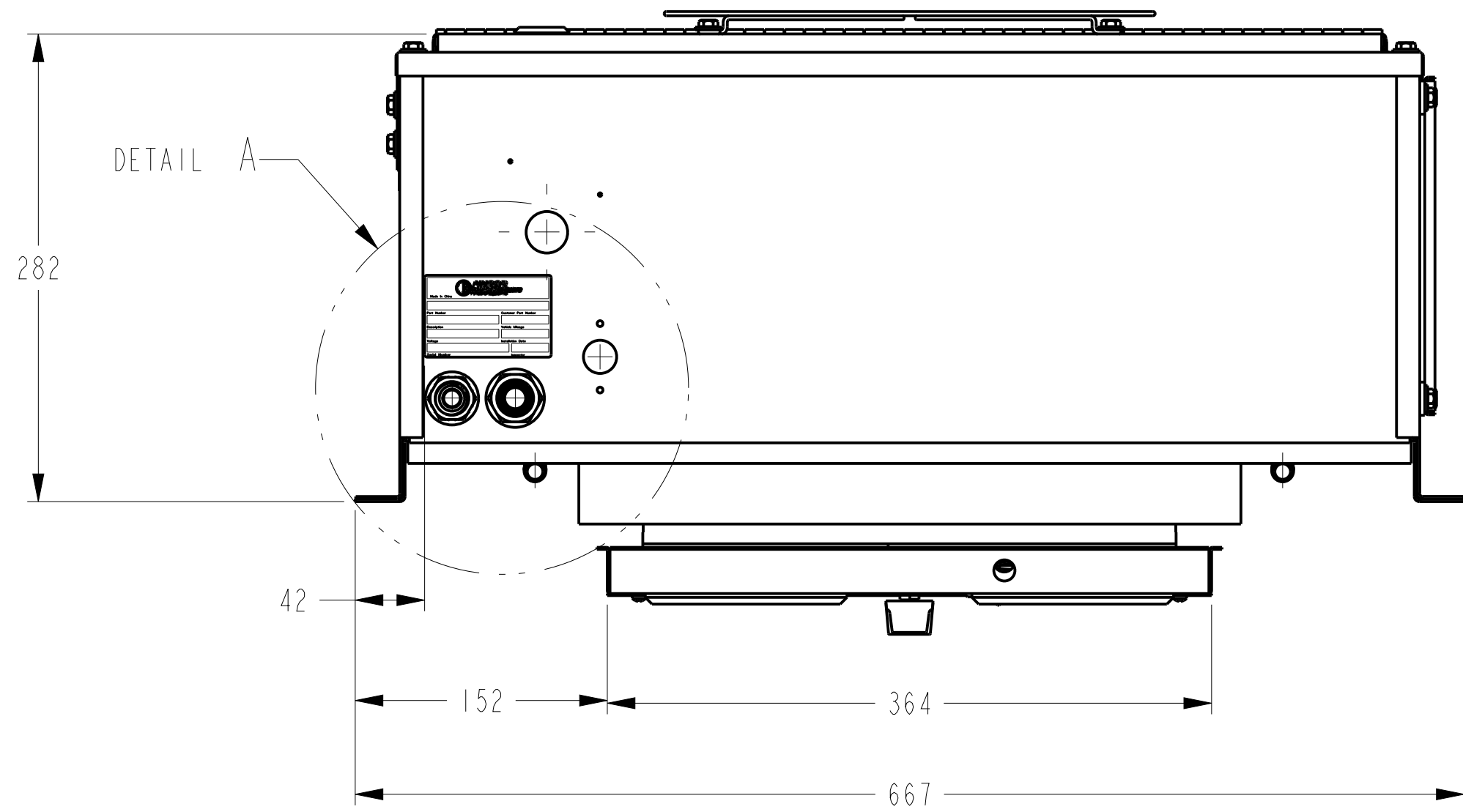
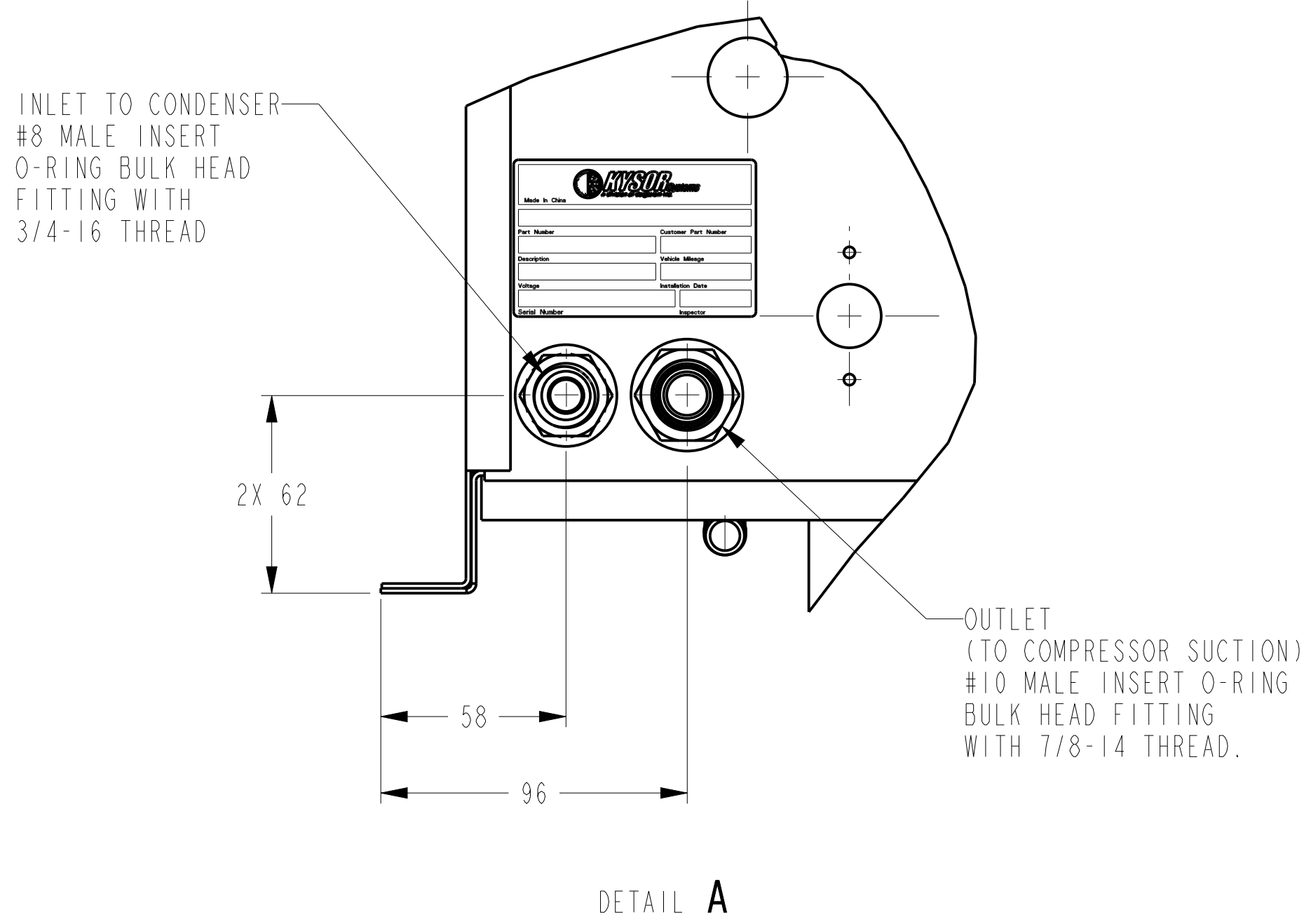
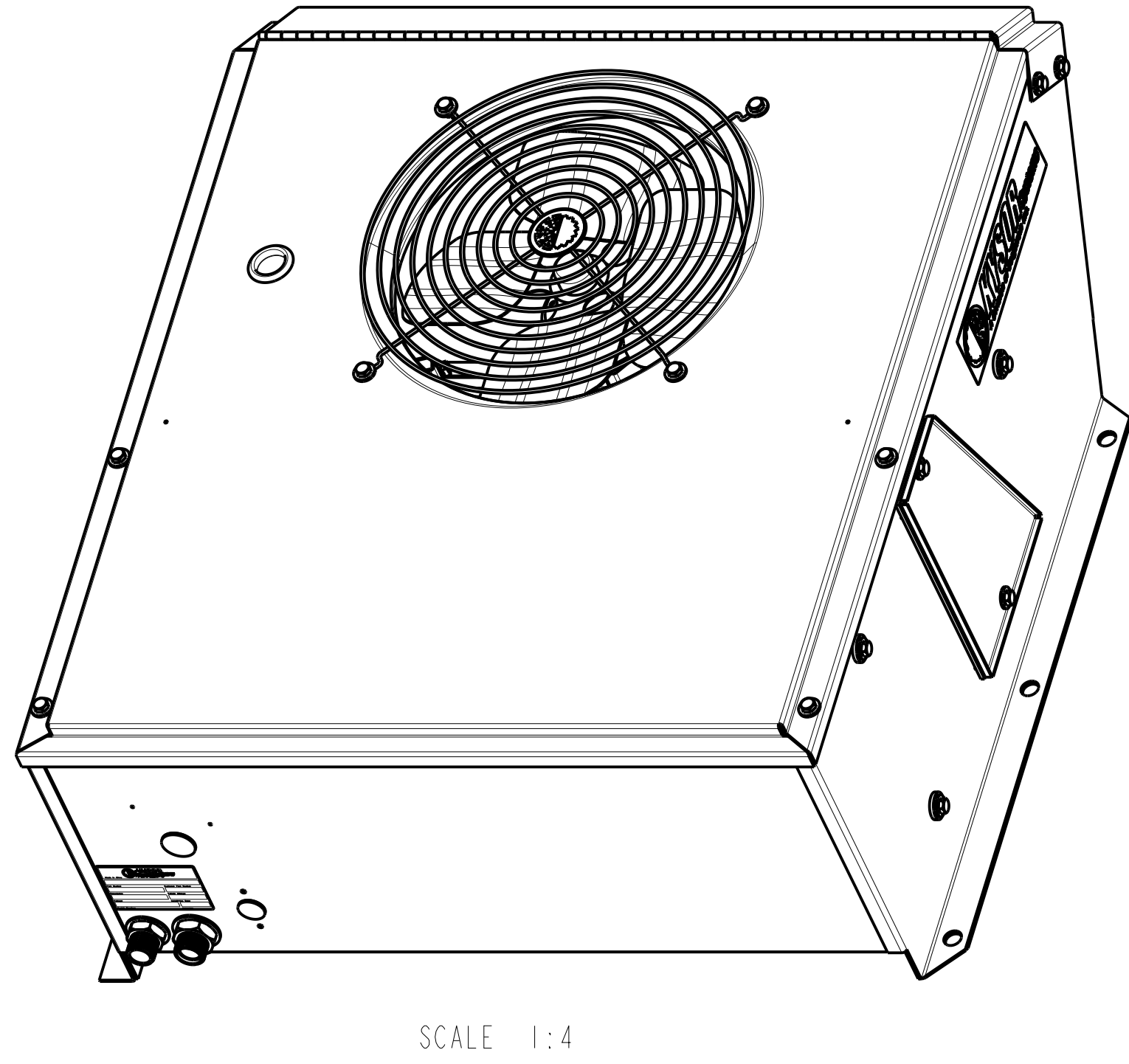
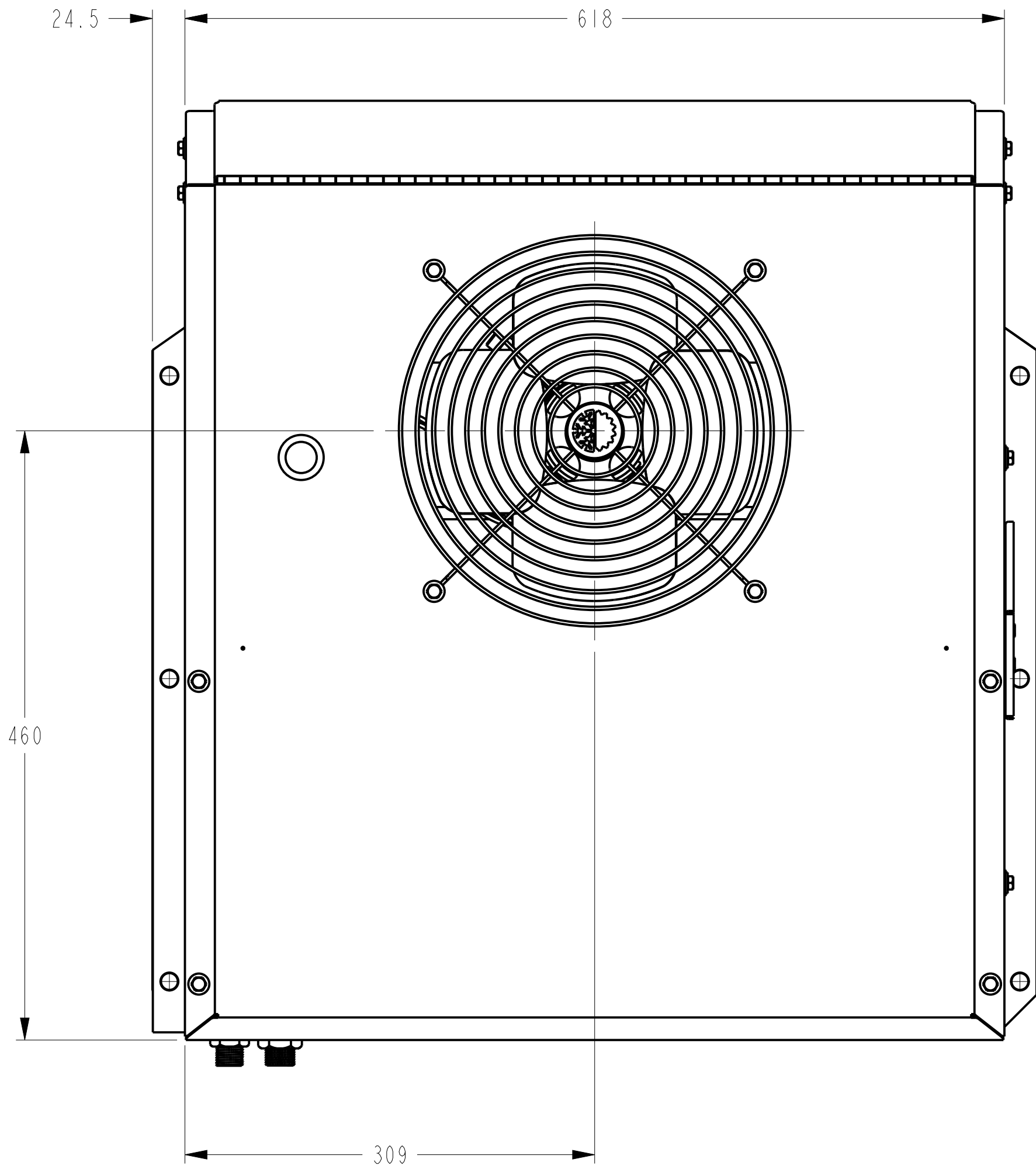
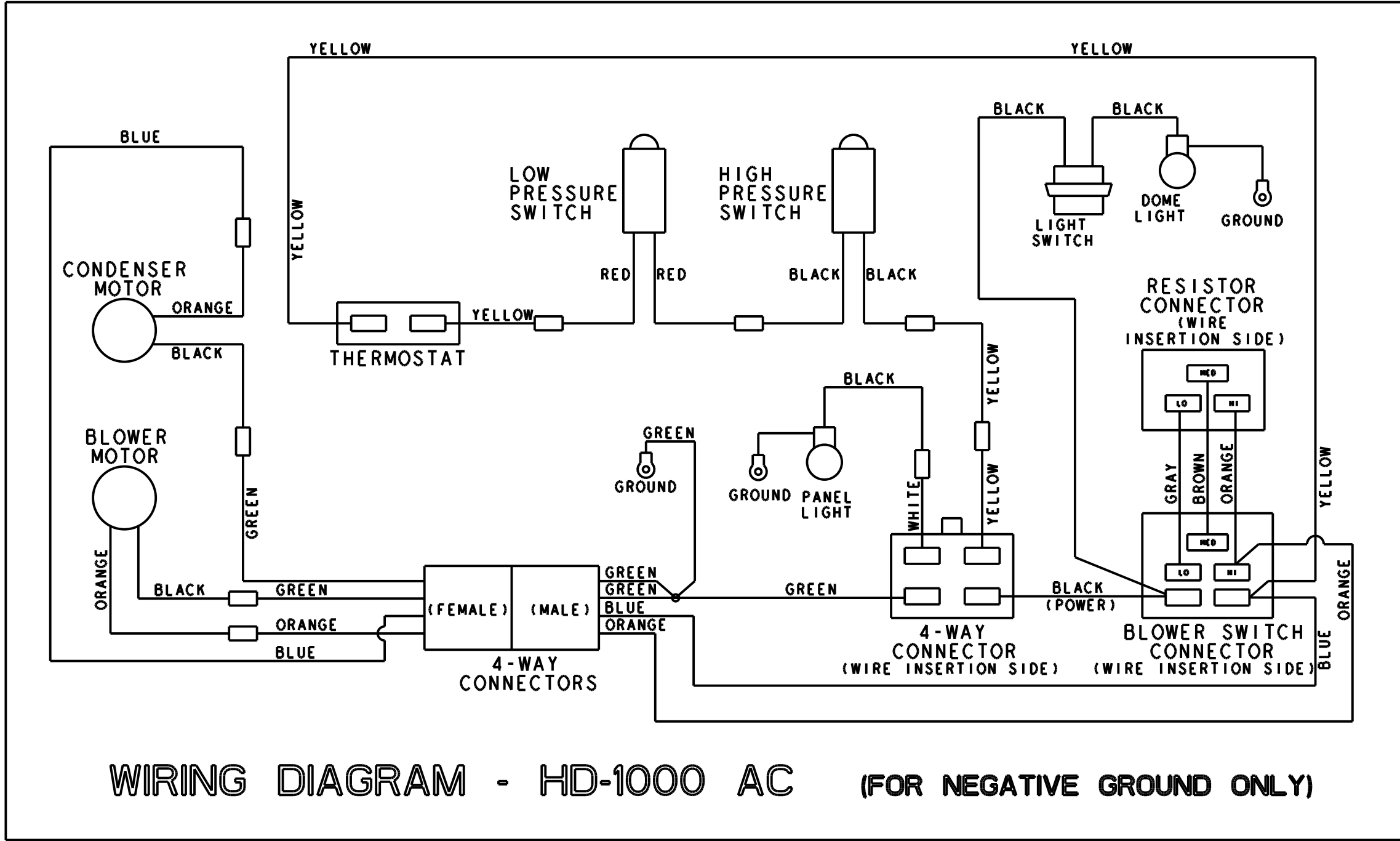
ENGINEERING MODEL: 1000258580

DRAWING SCALE: 1:4

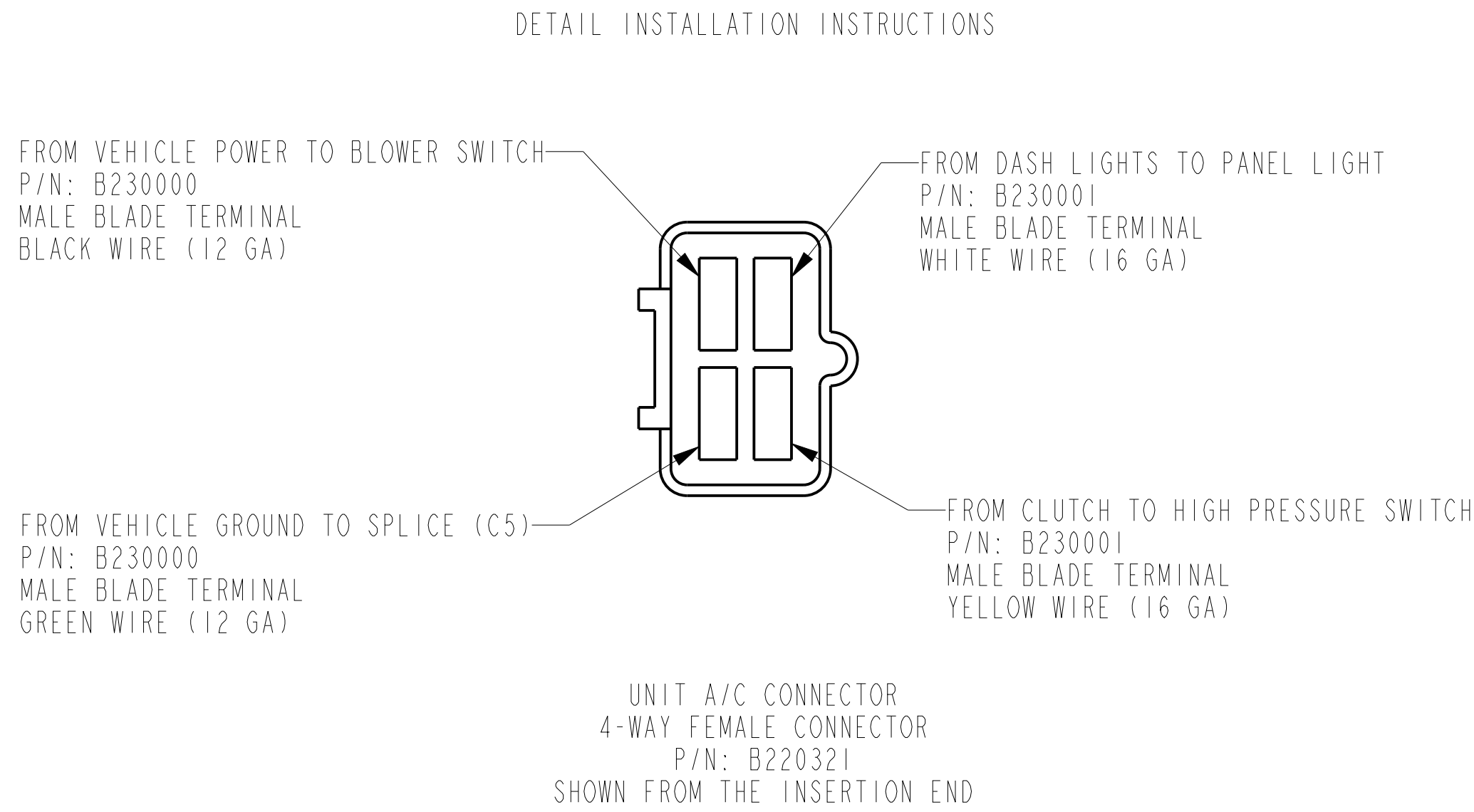
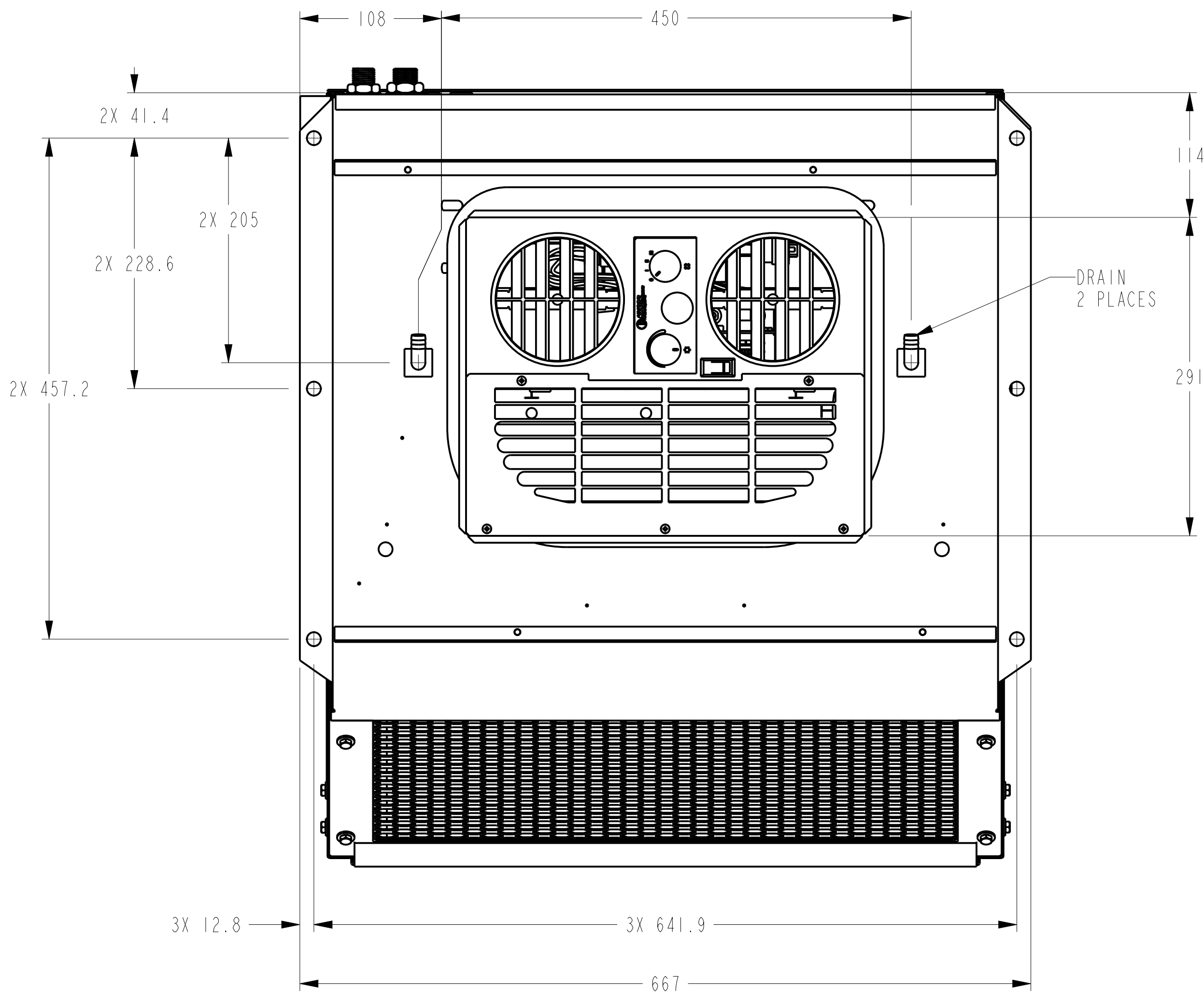
REVISION: 1

PART NUMBER: 1000258580

AC PERFORMANCE TABLE		
CAPACITY (IMACA 2001) 32.2°C-DB / 23.9°C-WB (90°F-DB / 75°F-WB)	5.1 kW	17,240 BTU/hr
CAPACITY (80°F / 36°F) 26.7°C-WB/2.2°C EVAP REF. OUT. TEMP. 80°F-WB/36°F EVAP REF. OUT. TEMP.	5.3 kW	18,140 BTU/hr
AIR FLOW	535 SCMH	315 SCFM
MAX. POWER REQUIRED	32 AMPS @ 13.8 VDC	



NOTE:
1. FULL SIZE PRINT OUT SUPPLIED WITH INSTALLATION KIT.



INSTALLATION		CUSTOMER REV	
N/A		N/A	
Released		Released	
CAD TYPE: Pro/E		CAD CONTROL: PDMLink	
PROJECT NUMBER: 103278		PEN NUMBER: 103278B	
CUSTOMER: N/A		CUSTOMER REF NO: N/A	
ENGINEER: USA		DRAWING MODEL: 1000258500	
DRAWING SCALE: A0		SHEET: 3 OF 3	
PROPERTY OF: BERGSTROM INC.		PART NUMBER: 1000258580	