

1. MANUFACTURED AND INSPECTED IAW AS9100 QUALITY SYSTEM REQUIREMENTS.
2. ABBREVIATION USED IN TITLE IS: VALVE REGULATED SEALED LEAD ACID (VRSLA).
3. SEE DRAWING NO. CB-00453 AND PROCEDURE P-1000 FOR ASSEMBLY AND TEST INSTRUCTION. PROCEDURES AND ASSEMBLY DRAWINGS ARE FOR INTERNAL USE ONLY.
4. BATTERIES ARE RATED IAW INTERNATIONAL ELECTROTECHNICAL COMMISSION STANDARD 60952-1 AND RTCA STANDARD DO-293A, UNLESS OTHERWISE NOTED.
5. DIMENSIONS ARE INCH [MILLIMETER].
6. "GH" SUFFIX DENOTES A "FIRE RESISTANT" EXTERNAL CONTAINER CONSTRUCTED OF 5052 ALUMINUM ALLOY.
7. HCU-6 HEATER CONTROL UNIT IS REQUIRED TO CONSTITUTE A COMPLETE BATTERY ASSEMBLY. ONLY HCU'S SUPPLIED BY CONCORDE ARE PERMITTED.
8. REFER TO ENVELOPE DRAWING RG-380E/46GH-6 FOR BATTERY WITH HCU INSTALLED.
9. 10-32 GROUND STUD. HARDWARE KIT PN 6935 INCLUDED.

93A,

COMPLETE PERMITTED.
WITH HCU

Technical drawing of the HCU assembly. The front view shows a rectangular unit with dimensions: 11.75 [298.5] MAX, 10.75 [273.1], 10.11 [256.7], 5.21 [132.3], 10.42 [264.6], 2X 3.80 [96.5], 7.87 [200.0], and 2X LIFTING STRAPS. A detail view labeled 'DETAIL A' shows a cross-section of the lifting strap with dimensions 2X .85 [21.6] MAX and 2X .38 [9.5]. The isometric view shows the unit with a label 'HCU' and a '2X LIFTING STRAP'.

2X \varnothing .500 [12.7] OD X .260 [6.6] ID VENTS

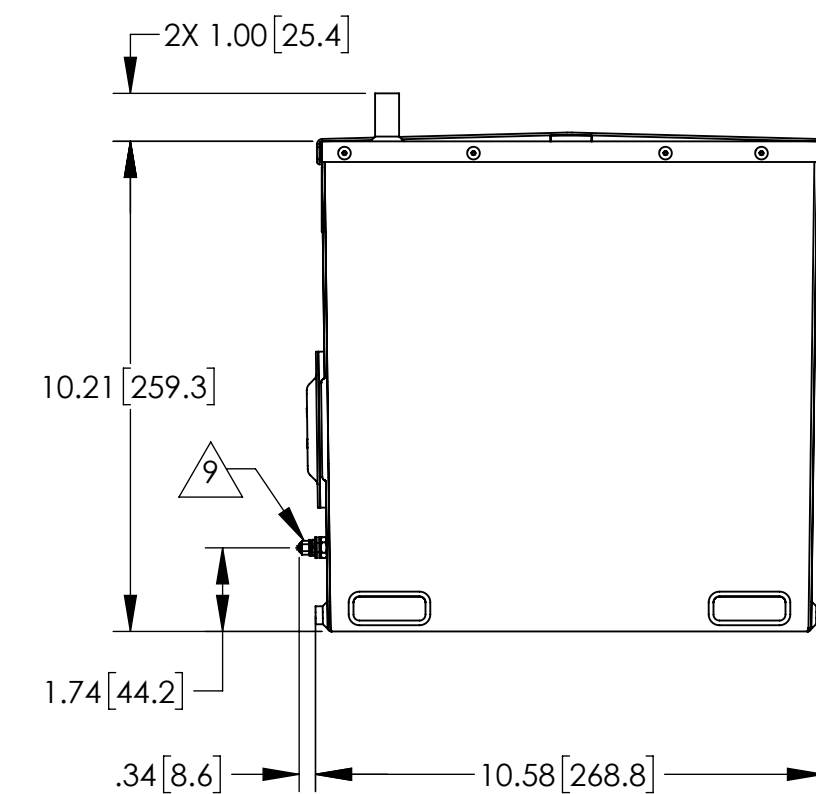
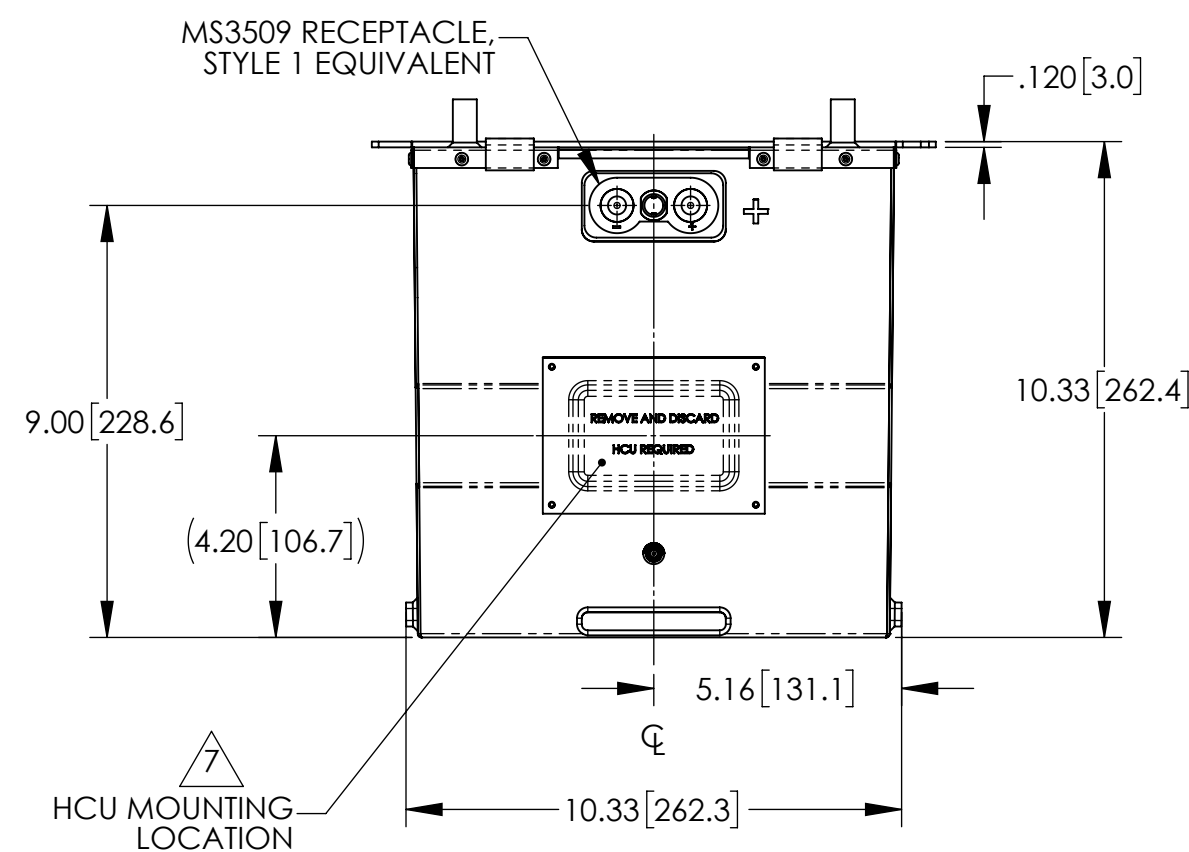
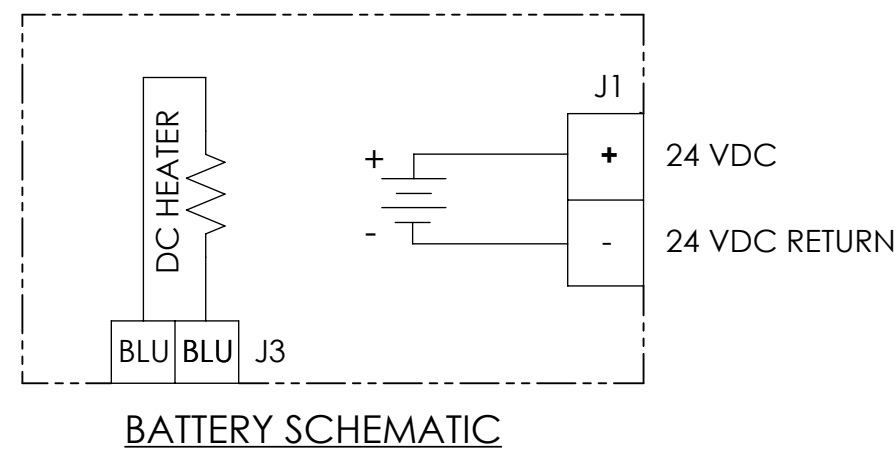
2X LIFTING STRAPS

2X .85 [21.6] MAX

2X .38 [9.5]

DETAIL A
SCALE 1 : 2

ISOMETRIC VIEW



PART NUMBER	RG-380E/46GH
MAXIMUM WEIGHT	89.4 LBS [40.6 KG]
RATED CAPACITY, C ₁	46 AH
POWER RATING AT 23°C	lpp 1375 A, lpr 1050 A
POWER RATING AT -18°C	lpp 1075 A, lpr 850 A
POWER RATING AT -30°C	lpp 875 A, lpr 675 A
INTERNAL DC HEATER	13.27A @ 28.25 VDC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			CONTRACT NO.		CONCORDE BATTERY CORPORATION 2009 SAN BERNARDINO RD., W. COVINA, CA 91790				
FRACTIONS	DECIMALS	ANGLES	APPROVALS	DATE	TITLE BATTERY, VRSLA, 24 VOLT, RG-380E/46GH				
$\pm 1/32$.XX \pm .06 .XXX \pm .030	$\pm 1^\circ$	DRAWN	6/9/16					
TREATMENT	NONE	CHECKED	NS	6/10/16					
FINISH	NONE	APPROVED	PH	6/10/16	SIZE	CAGE CODE	DWG NO.	REV	
					C	63017	RG-380E/46GH	A	
SIMILAR TO	CALC WT	ISSUED	DH	5/28/21	SCALE	1:4		SHEET	1 OF 1

The data/information contained herein has been reviewed and approved for general release on the basis that this document contains no export-controlled information.