

1. HYDROGEN CHILLER

1.1 CALCULATION

1.1.1 HEAT LOAD AND COOLING CAPACITY FOR HC-101(MT SIDE)

1.1.2 HEAT LOAD AND COOLING CAPACITY FOR HC-102(LT SIDE)

1.1.3 LEGAL REFRIGERANT TON

1.2 SPECIFICATION

1.2.1 GENERAL SPECIFICATION

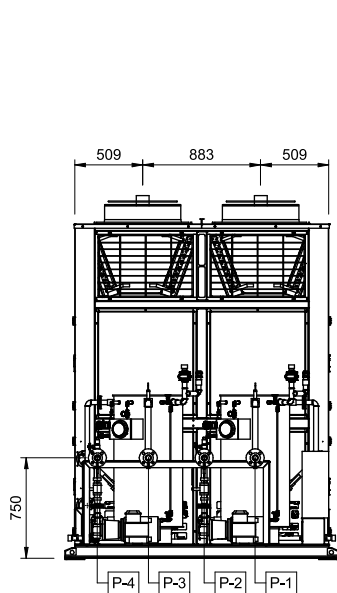
1.2.2 COMPONENT SPECIFICATION

1.3 P&ID (PIPING & INSTRUMENTS DIAGRAM)

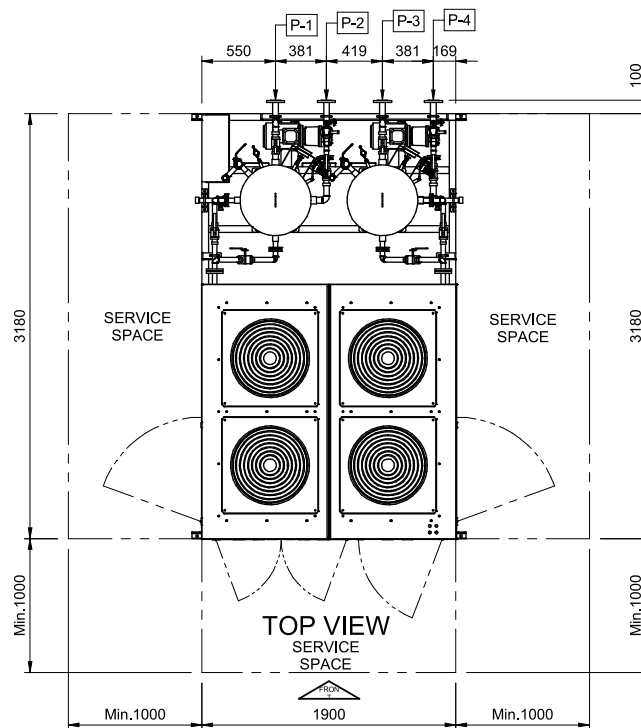
1.4 GENERAL ARRANGEMENT DRAWING

1.5 SELECTION DATA

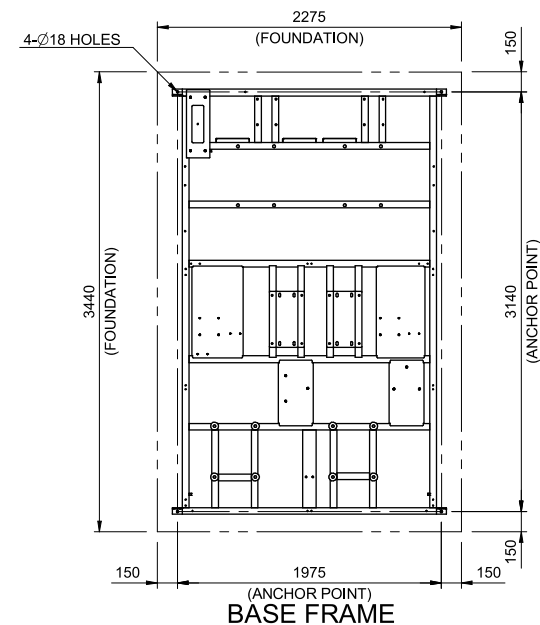
1.6 ELEC. CONTROL DIAGRAM AND PANEL DRAWING



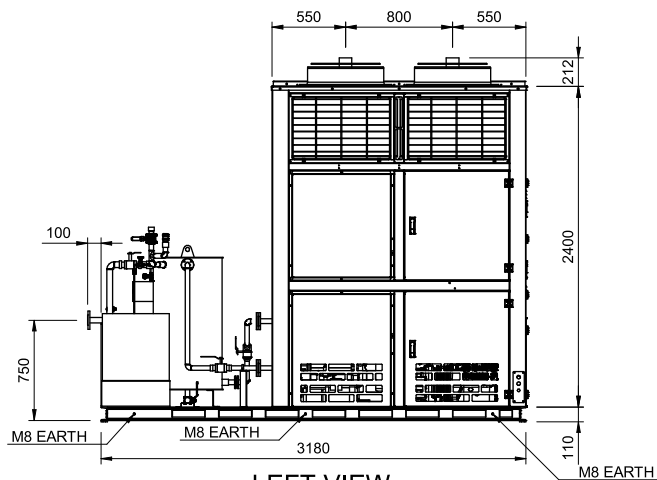
REAR VIEW



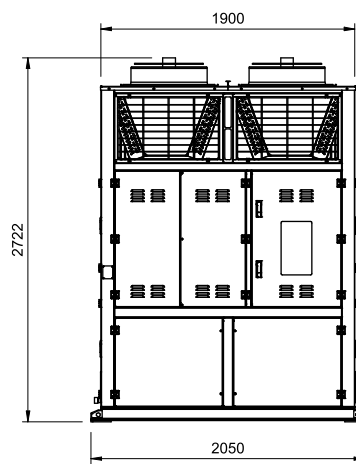
TOP VIEW



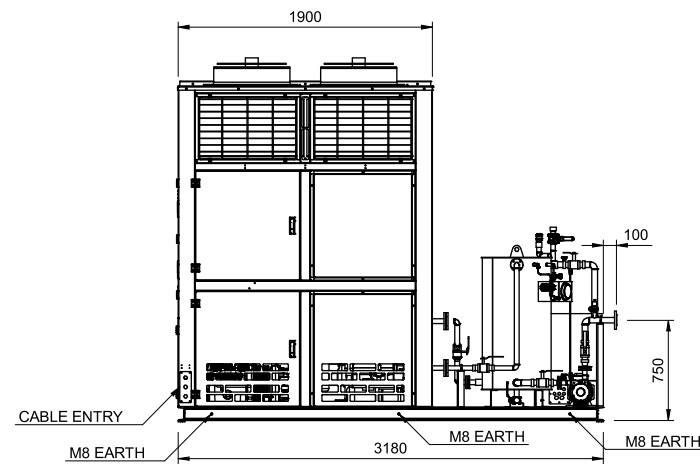
BASE FRAME



LEFT VIEW



FRONT VIEW

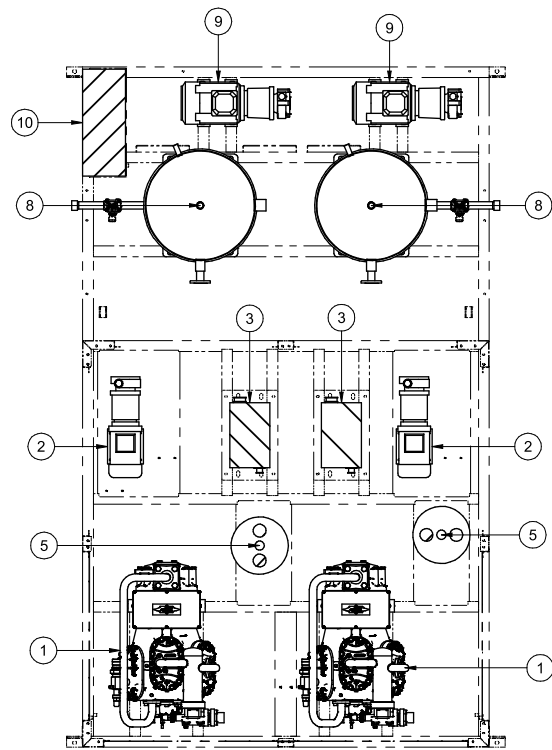


RIGHT VIEW

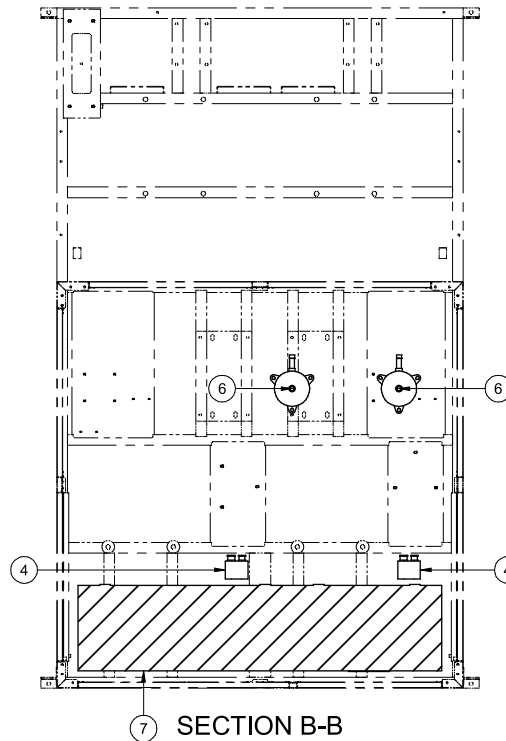
PIPE CONNECTION LIST				
No.	CONNECTION	SIZE / MATERIAL	Q'ty	REMARK
P-1	HC50 INLET #01	JIS 10K 32A FLANGE(RF) / SUS304	1	
P-2	HC50 OUTLET #01	JIS 10K 32A FLANGE(RF) / SUS304	1	
P-3	HC50 INLET #02	JIS 10K 32A FLANGE(RF) / SUS304	1	
P-4	HC50 OUTLET #02	JIS 10K 32A FLANGE(RF) / SUS304	1	

* ABOVE MEASURED DIMENSION COULD BE CHANGED TO INCREASE PERFORMANCE AND QUALITY OF EQUIPMENT WITHOUT ANY NOTICE.

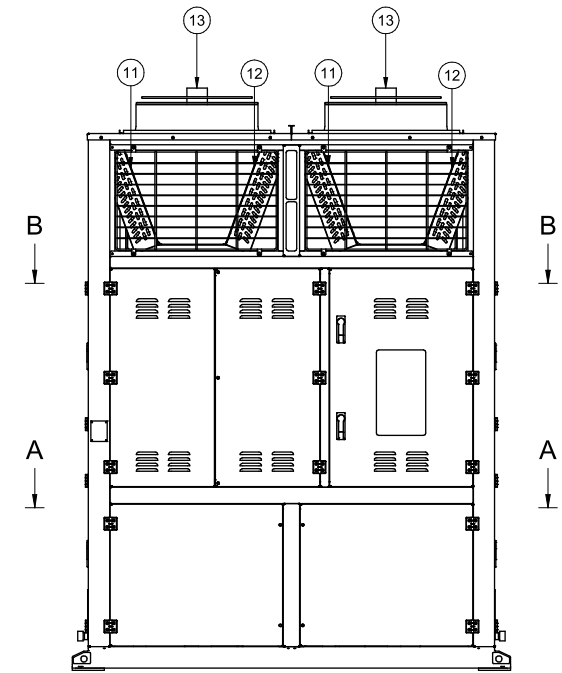
 H2 AIR KOREA Co., Ltd.	PJT. : 광신기계-삼안 액화수소	Scale : 1:40	A3	
	TITLE : GENERAL ARRANGEMENT DRAWING OF H2 DISPENSER CHILLER	Drawn by : S.J JANG	Date : 2025.09.29	
	TYPE : AIR COOLED (2 PUMP)	Check by : NONE	Aprov. by : T.W KANG	
	DWG No. : HRSI-036DA2P-000.1	Rev		



SECTION A-A



SECTION B-B



13	AC Axial Fan	A4D-550S-5FMA77	4	-	-	
12	COIL-RIGHT	3/8"x4Rx18Sx1600L	2	-	-	
11	COIL-LEFT	3/8"x4Rx18Sx1600L	2	-	-	
10	CONTROL PANEL for SKID	PLC	1	-	-	
9	PUMP for SKID	FT25TF-37CBTT0	2	-	-	
8	BRINE TANK	200L	2	SUS304	-	
7	CONTROL PANEL for CHILLER	PLC	1	-	-	
6	RECEIVER	OHK-RCV07-SC87(	2	-	-	
5	LIQUID SEPARATOR	OHK-ACV30(R507A	2	-	-	
4	ECONOMIZER	K050-30W	2	-	-	
3	EVAPORATOR	K200H-120	2	-	-	
2	PUMP for CHILLER	FT25TF-22CBTT0	2	-	-	
1	COMPRESSOR	S6G-25,2Y-20D	2	-	-	
No.	DESCRIPTION	SIZE	Q'TY	MAT'L	WT(kg)	REMARK



H4 AIR KOREA Co., Ltd.

PJT. : 광신기계-삼안 액화수소

TITLE : GENERAL ARRANGEMENT
DRAWING OF
H2 DISPENSER CHILLER

TYPE : AIR COOLED (2
PUMP)

Scale : 1:25

Drawn by : S.J JANG

Check by : NONE

APRov. by : T.W KANG

DWG No. : HRSI-036DA2P-000.2

Date : 2025.09.29

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