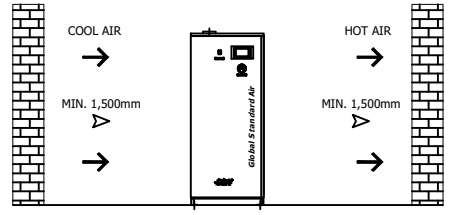
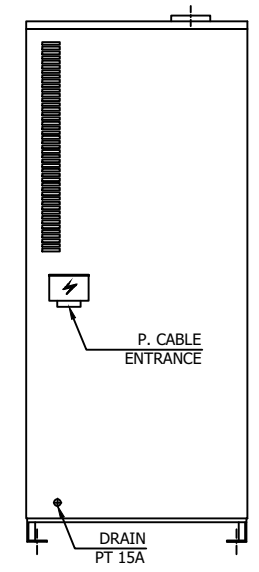
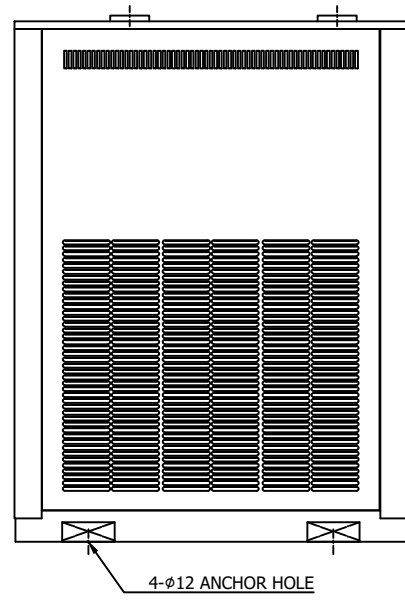
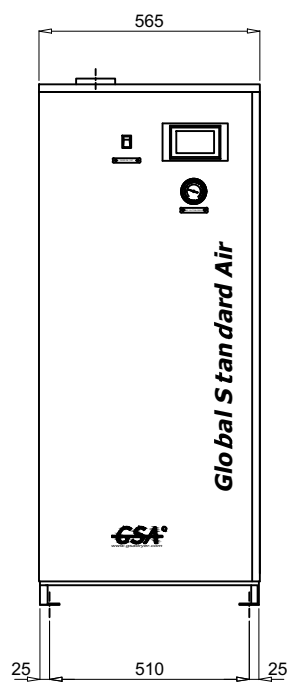
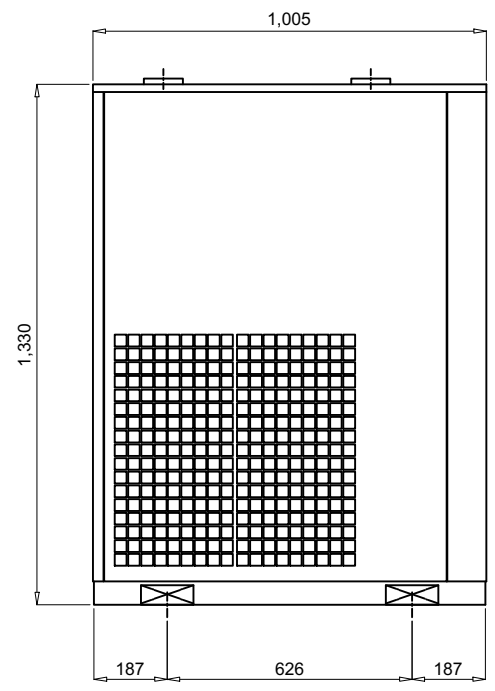
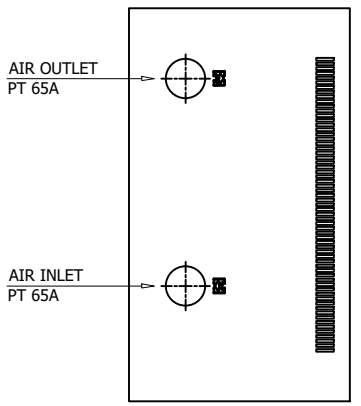

	Refrigerated Air Chiller	Rev.	Date	Prepared By	Checked By	Approved By
		A	2020.09.22	WOO.I.H.	JO.S.J.	KIM.H.W.
	Air Cooled Type	B				
		C				
D						
Project Name		-		Model Name		HYD-150CH
SPECIFICATION						
1						
2	Supply Voltage	380V	Inlet Flow Rate	21	Nm3/min	
3	Phase	3PH	Inlet Pressure	7	barg	
4	Frequency	60Hz	Inlet Temp.	32	°C	
5	Control use	220V	Inlet Air Condition	Dried Air		
6	Fluid	Compressed Air	Outlet Flow Rate	21	Nm3/min	
7	Location	Indoor	Outlet Pressure	6.8	barg	
8	Design Code	Maker STD.	Outlet Temp.	10	°C	
9	Area Class	Non-Hazardous	Pressure Drop	0.2	bar	
10			Design Pressure	14	barg	
11			Design Temperature	70	°C	
12			Ambient Temperature	32	°C	
CONSTRUCTION						
13						
14	Refrigerant	R-22	Dimension (W x L x H)	565 X 1,005 X 1,330	mm	
15	Ref. Compressor Type	Scroll	Weight	165	kg	
16	Ref. Compressor Capacity	3 HP	Power Consumption	2.89	kW	
17	Condenser Type	Air Cooled	Inlet Connection	65A	PT Female Screw	
18	Condenser Fan Motor	0.4 kW	Outlet Connection	65A	PT Female Screw	
19		1 EA	Drain Connection(Optional)	15A	PT Female Screw	
20	Condenser Fan Size	550 mm	Color (Munsell)	5.7PB 4.1/9.9		
21	Condenser Capacity	3 HP		5.7PB 2.9/3.5		
22	Condenser Material	Aluminum & Copper				
23	Heat Exchanger Type	Block				
24	Heat Exchanger Material	Aluminum				
25	Ref. Control Device	TEV				
26						
27						
STANDRAD FEATURES AND CONTROL						
28						
29	Ref. Compressor	YES	Ref. Pressure Gauge	YES		
30	Air Cooled Condenser	YES	Air Pressure Gauge	NO		
31	Fan Motor	YES	Hot Gas Bypass Valve	NO		
32	Ref. Pressure Transmitter	YES	Suction Line Accumulator	YES		
33	Liquid Ref. Receiver	YES	Oil Separator	NO		
34	Filter Dryer	YES	4.3" TFT LCD	YES		
35	Moisture Indicator	YES	PCB Controller	YES		
36	Expansion Valve	YES				
37	Heat Exchanger	YES				
38	Temperature Sensor	YES				
NOTES						
39						
40						
41						
42						
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45						
46						

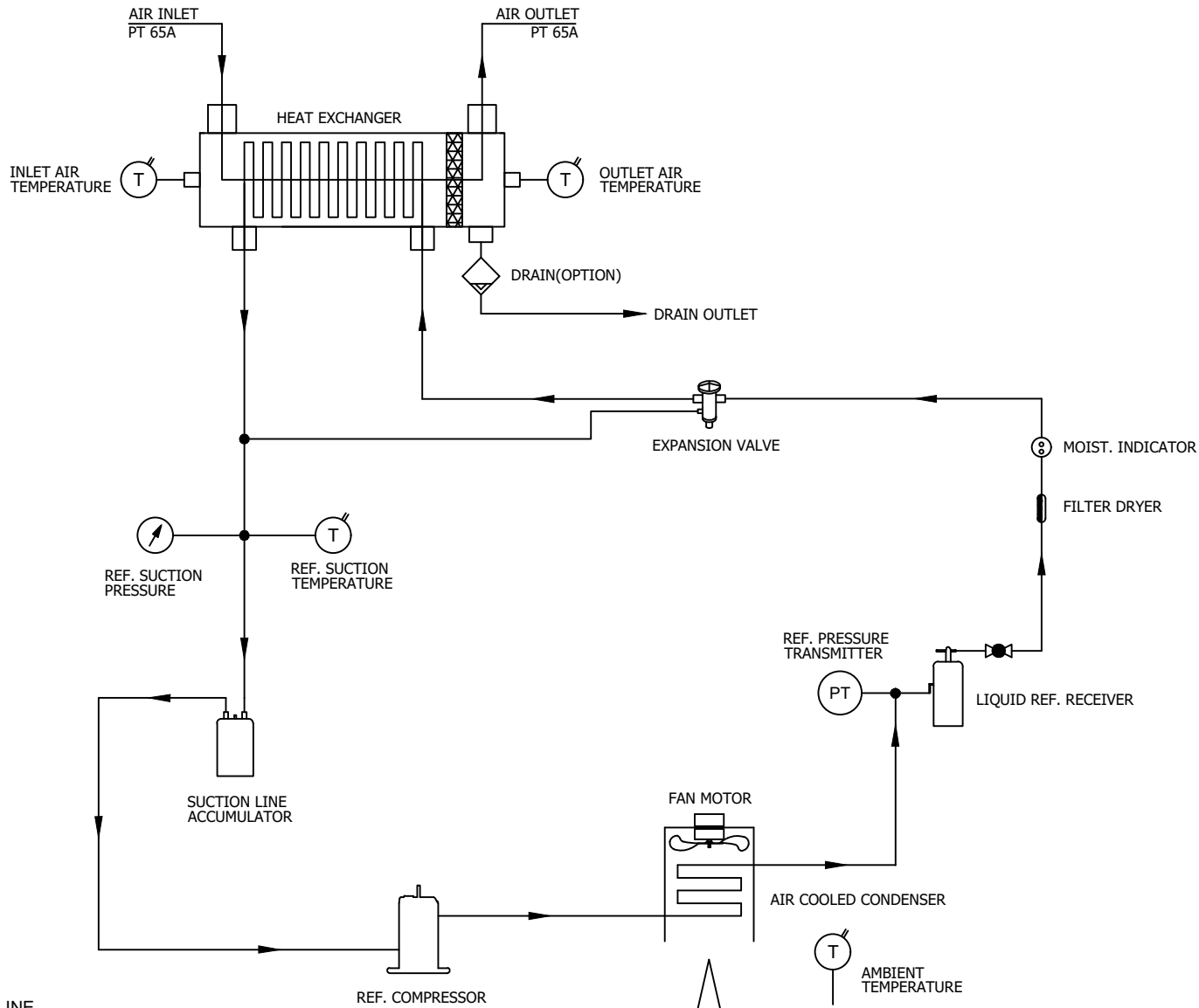
COOLING AIR DIRECTION



SPECIFICATION	
INLET/OUTLET AIR TEMP.	32°C / 10°C
INLET AIR PRESSURE	7 barg
INLET AIR CONDITION	DRIED AIR
CAPACITY	21.0 Nm ³ /min
IN/OUT CONNECTION	PT 65A
DIMENSION(WXDXH, mm)	565 X 1,005 X 1,330
WEIGHT	165 kg
POWER CONSUMPTION	2.89 kW
POWER SUPPLY	380/440V - 3PH - 50/60HZ




△										
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△										
REV. NO.	2020.09.21	ISSUED FOR REFERENCE	ENG.	CHK.	APPD.	APPD.	APPD.	APPD.	APPD.	
PROJECT	-									
MANUFACTURER	 Global Standard Air & Gas									
TITLE	OUTLINE DRAWING									
ITEM NO.	HYD-150CH	DWG NO.	GSA-HYD-0150CH-01						REV.	△
SCALE	NONE							1	(A1 : 841mm x 594mm)	



- ← AIR INLET LINE
- AIR OUTLET LINE
- ← REF. LOW PRESS. LINE
- REF. HIGH PRESS. LINE

INLET / OUTLET AIR TEMP.	32°C / 10°C	
INLET AIR PRESSURE	7 barg	
INLET AIR CONDITION	DRIED AIR	
CAPACITY	21.0 Nm ³ /min	
12 DRAIN	OPTION	1
11 SUCTION LINE ACCUMULA.	-	1
10 REF. PRESS. GAUGE	LOW SIDE	1
9 HEAT EXCHANGER	150 HP	1
8 EXPANSION VALVE	3 TON	1
7 MOIST. INDICATOR	3/8"	1
6 FILTER DRYER	3/8"	1
5 REF. PRESSURE TRANSMIT.	-1 ~ 35 BARG	1
4 LIQUID REF. RECEIVER	-	1
3 FAN MOTOR	0.4KW 6P ø550	1
2 A/C CONDENSER	3 HP	1
1 REF. COMPRESSOR	3 HP	1
NO.	PART NAME	DESCRIPTION QTY

△										
△										
△										
△										
REV. NO.	2020.09.21	ISSUED FOR REFERENCE								
DATE		DESCRIPTION	ENG	CHK	APPD	APPD	APPD	APPD		
PROJECT	-									
MANUFACTURER										
TITLE	PIPING & INSTRUMENTATION DRAWING									
ITEM NO.	HYD-150CH	DWG NO.	GSA-HYD-0150CH-02						REV.	△
SCALE	NONE								1	(A1 : 841mm x 594mm)

