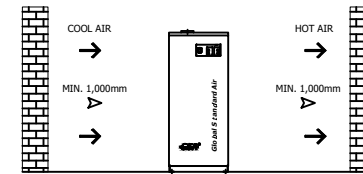
	Refrigerated Air Chiller	Rev.	Date	Prepared By	Checked By	Approved By
		A	2020.09.22	WOO.I.H.	JO.S.J.	KIM.H.W.
	Air Cooled Type	B				
		C				
D						
Project Name		-		Model Name		HYD-50CH
SPECIFICATION						
1						
2	Supply Voltage	220V	Inlet Flow Rate	6.7	Nm3/min	
3	Phase	1PH	Inlet Pressure	7	barg	
4	Frequency	60Hz	Inlet Temp.	32	°C	
5	Control use	220V	Inlet Air Condition	Dried Air		
6	Fulid	Compressed Air	Outlet Flow Rate	6.7	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)	404 X 704 X 952	mm	
15	Ref. Compressor Type	Rotary	Weight	83	kg	
16	Ref. Compressor Capacity	1 HP	Power Consumption	1.4	kW	
17	Condenser Type	Air Cooled	Inlet Connection	40A	PT Female Screw	
18	Condenser Fan Motor	100 W	Outlet Connection	40A	PT Female Screw	
19		1 EA	Drain Connection(Optional)	10A	PT Female Screw	
20	Condenser Fan Size	350 mm	Color (Munsell)	5.7PB 4.1/9.9		
21	Condenser Capacity	1 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	Capillary Tube				
26						
27						
STANDRAD FEATURES AND CONTROL						
28						
29	Ref. Compressor	YES	PCB Controller	YES		
30	Air Cooled Condenser	YES	Air Pressure Gauge	NO		
31	Fan Motor	YES	Ref. Pressur Gauge	NO		
32	Fan Controller	YES	Suction Line Accumulator	NO		
33	Ref. High Pressure Switch	YES	Liquid Ref. Receiver	NO		
34	Filter Dryer	YES				
35	Capillary Tube	YES				
36	Heat Exchanger	YES				
37	Temperature Sensor	YES				
38	Hot Gas Bypass Valve	NO				
NOTES						
39						
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46						

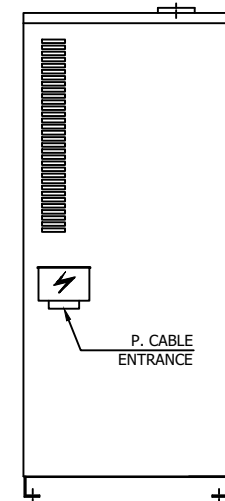
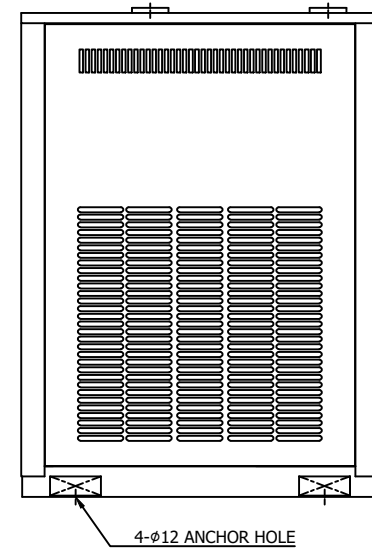
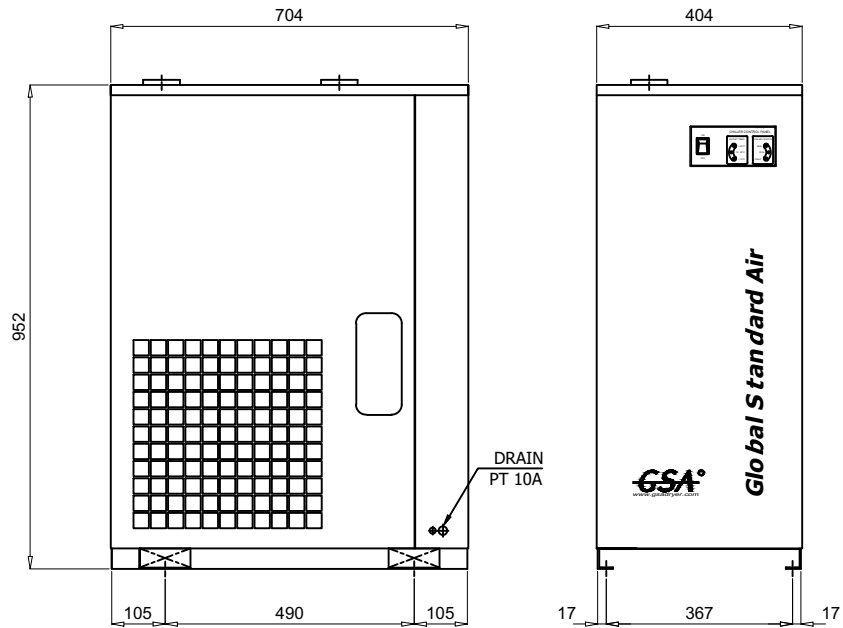
INLET/OUTLET AIR TEMP.	32°C / 10°C
INLET AIR PRESSURE	7 barg
INLET AIR CONDITION	DRIED AIR
CAPACITY	6.7 Nm ³ /min
IN/OUT CONNECTION	PT 40A
DIMENSION(WXDXH, mm)	404 X 704 X 952
WEIGHT	83 kg
POWER CONSUMPTION	1.4 kW
POWER SUPPLY	220/380/440V - 1PH - 50/60Hz


COOLING AIR DIRECTION



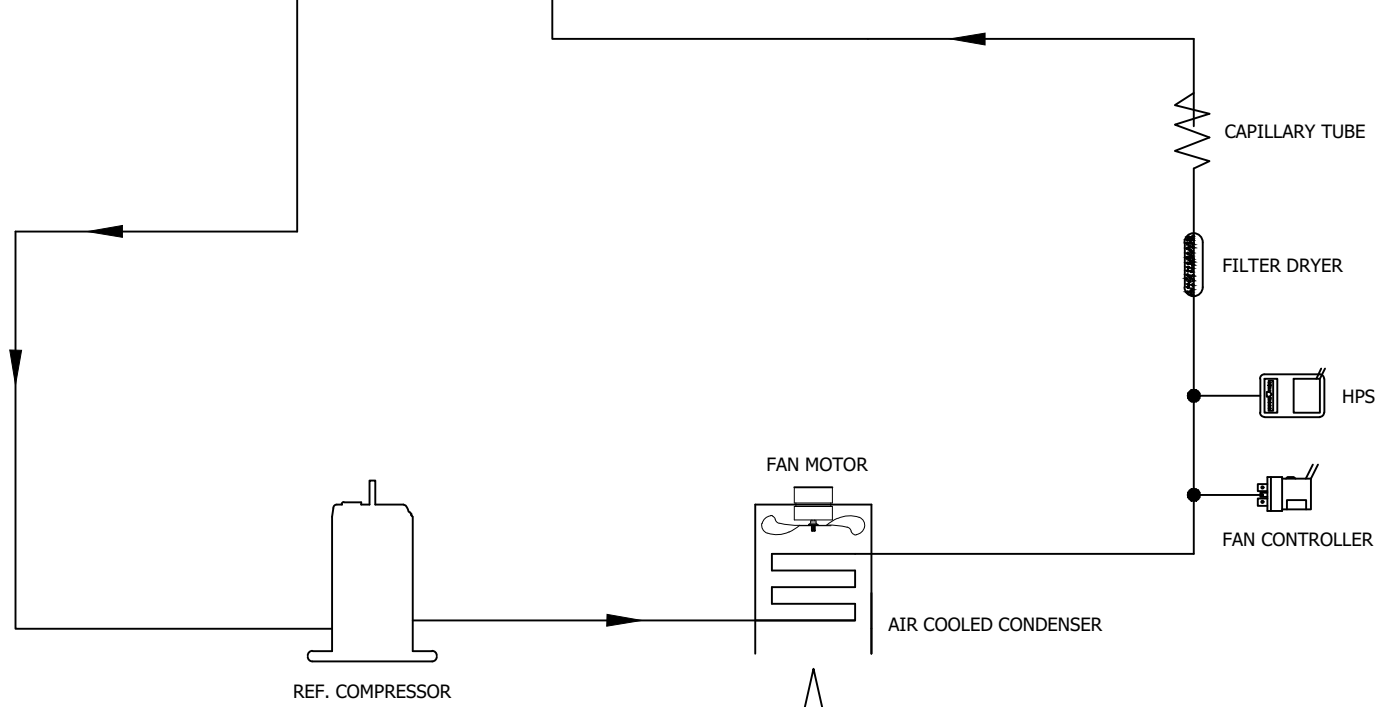
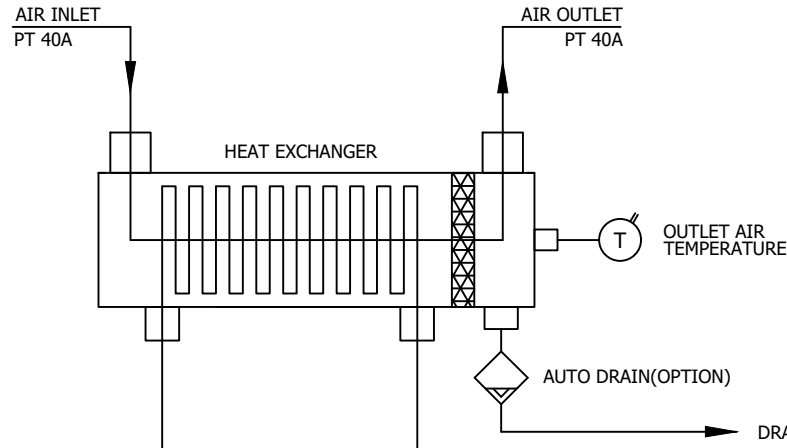
AIR OUTLET
PT 40A

AIR INLET
PT 40A

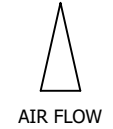



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REV. NO.	DATE	DESCRIPTION	ENGR	CHK	APPR	APPR	APPR	APPR	APPR
2020.09.21		ISSUED FOR REFERENCE							
PROJECT									
MANUFACTURER									
 Global Standard Air & Gas									
TITLE									
OUTLINE DRAWING									
ITEM NO.	HYD-50CH	DWG NO.							
SCALE	NONE	GSA-HYD-0050CH-01							

INLET/OUTLET AIR TEMP.		32°C / 10°C
INLET AIR PRESSURE		7 barg
INLET AIR CONDITION		DRIED AIR
CAPACITY		6.7 Nm ³ /min
9	AUTO DRAIN	OPTION
8	HEAT EXCHANGER	50 HP
7	CAPILLARY TUBE	-
6	FILTER DRYER	3/8"
5	HPS	24 barg
4	FAN CONTROLLER	12~18 barg
3	FAN MOTOR	0.1kW 4P φ350
2	A/C CONDENSER	1 HP
1	REF. COMPRESSOR	1 HP
NO.	PART NAME	DESCRIPTION
QTY		



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



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△	2020.09.21	ISSUED FOR REFERENCE									
REV. NO.	DATE	DESCRIPTION	ENWG	CHK	APPD	APPD	APPD	APPD	APPD		
PROJECT											
-											
MANUFACTURER											
 <small>Global Service Automation & Control</small>											
TITLE											
PIPING & INSTRUMENTATION DRAWING											
ITEM NO.	HYD-59CH	DWG NO.	GSA-HYD-0050CH-02							REV.	△
SCALE	NONE										

