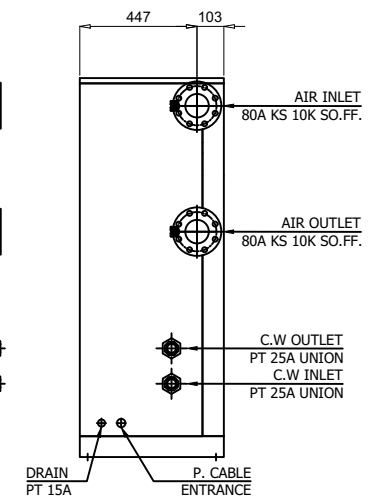
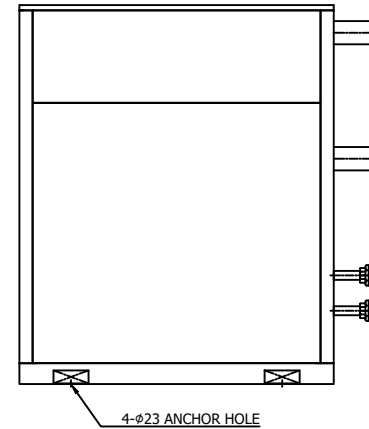
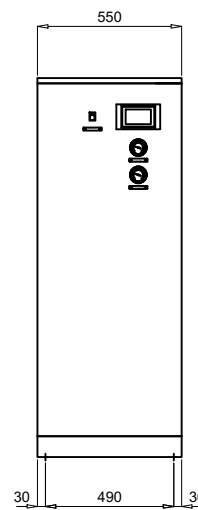
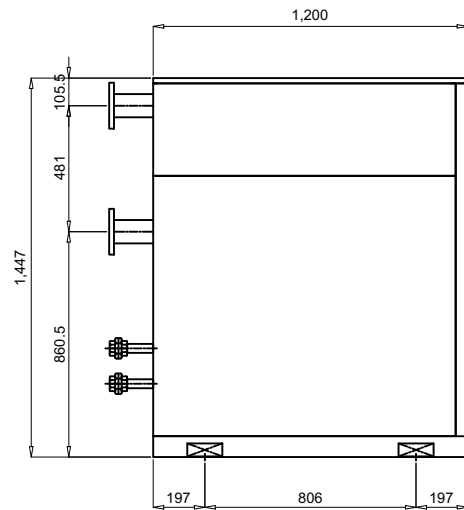


 Global Standard Air & Gas			Refrigerated Air Dryer		Rev.	Date	Prepared By	Checked By	Approved By
					A	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
			Water Cooled Type		B				
					C				
					D				
Project Name		-		Model Name		HYD-200WN			
1	SPECIFICATION								
2	Supply Voltage	380V		Inlet Flow Rate		32.1		Nm3/min	
3	Phase	3PH		Inlet Pressure		7		barg	
4	Frequency	60Hz		Inlet Temperature		38		°C	
5	Control use	220V		Outlet Flow Rate		32.1		Nm3/min	
6	Fulid	Compressed Air		Outlet Pressure		6.8		barg	
7	Location	Indoor		Outlet Temperature		28±5		°C	
8	Design Code	Maker STD.		Pressure Drop		0.2		bar	
9	Area Class	Non-Hazardous		Outlet Dew Point		2~10		°C@PDP	
10	Cooling Water Capacity	45.1	L/min	Design Pressure		14		barg	
11	Cooling Water Pressure	2 ~ 3	barg	Design Temperature		70		°C	
12	Cooling Water Temperature	32	°C	Ambient Temperature		32		°C	
13	CONSTRUCTION								
14	Refrigerant	R-22		Dimension (W x L x H)		550 X 1,200 X 1,447		mm	
15	Ref. Compressor Type	Scroll		Weight		230		kg	
16	Ref. Compressor Capacity	5	HP	Power Consumption		3.78		kW	
17	Condenser Type	Water Cooled		Inlet Connection		80A	KS 10K SO.FF.		
18	Condenser Capacity	5	HP	Outlet Connection		80A	KS 10K SO.FF.		
19	Heat Exchanger Type	Block		Cooling Water Connection		25A	PT Union		
20	Heat Exchanger Material	Aluminum		Drain Connection		15A	PT Female Screw		
21	Ref. Control Device	TEV		Color (Munsell)		5.7PB 4.1/9.9			
22	Temp. Control Device	Hot Gas Bypass Valve				5.7PB 2.9/3.5			
23	Drain Trap Type	Level Sensor							
24	STANDRAD FEATURES AND CONTROL								
25	Ref. Compressor	YES		Auto Drain		YES			
26	Water Cooled Condenser	YES		Hot Gas Bypass Valve		YES			
27	Cooling Water Regulating Valve	YES		Suction Line Accumulator		YES			
28	Liquid Ref. Receiver	YES		Oil Separator		NO			
29	Filter Dryer	YES		Ref. Pressure Switch		NO			
30	Expansion Valve	YES		4.3" TFT LCD		YES			
31	Heat Exchanger	YES		PCB Controller		YES			
32	Ref. Pressure Transmitter	YES							
33	Air Pressure Gauge	YES							
34	Ref. Pressure Gauge	YES							
35	NOTES								
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10-NM0002-QAH-VSD
(ON DWG)

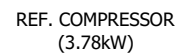
SPECIFICATION

INLET AIR TEMPERATURE	38°C
AMBIENT TEMPERATURE	32°C
C.W. TEMP. / PRESS.	32°C / 2~3 barg
INLET AIR PRESSURE	7 barg
CAPACITY	32.1 Nm³/min
AIR IN/OUT CONNECTION	80A KS 10K SO.FF.
C.W IN/OUT CONNECTION	PT 25A
DIMENSION(WXDH, mm)	550 X 1,200 X 1,447
WEIGHT	230 kg
POWER CONSUMPTION	3.78 kW
POWER SUPPLY	380/440V - 3PH - 50/60Hz



REV	DATE	DESCRIPTION	DWG	CHK	APPD	APPD
2020.09.23		ISSUED FOR REFERENCE				
PROJECT						
MANUFACTURER	GSA Global Standard Air & Gas					
TITLE	OUTLINE DRAWING					
ITEM NO.	HYD-200WN	DWG NO.	GSA-HYD-0200WN-01			
SCALE	NONE	REV				

(A4 : 297mm x 210mm)



***REVERSE PHASE WARNING**

Be sure to check the operating condition of the refrigerant compressor.

- When the refrigerant compressor is operating, the refrigerant suction pressure will be lowered.

When operating in reverse phase, the refrigerant compressor is damaged.

In case of reverse phase, change the position of 2 wires out of 3 wires of the power supply line.

Problems caused by incorrect power connection are not guaranteed.

[illegible]

GSA
Global Standard Air & Co.

WIRING DRAWING

REV. 