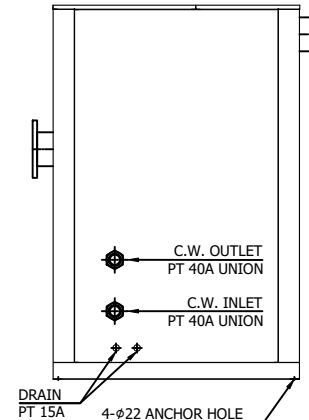
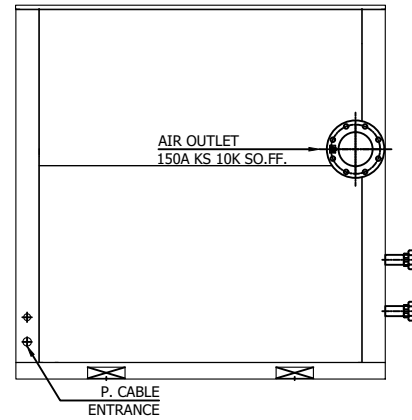
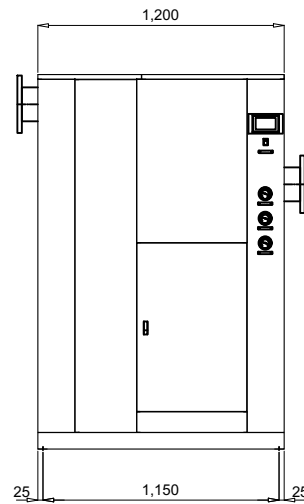
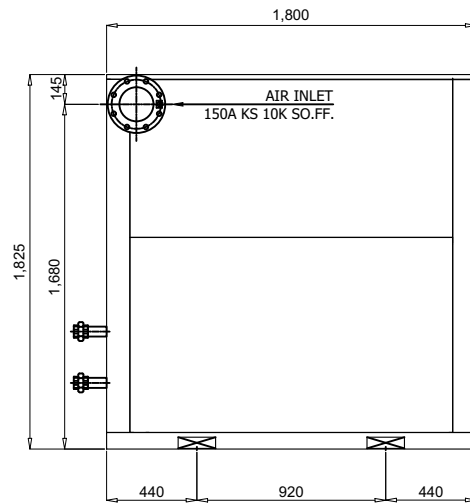


 Global Standard Air & Gas		Refrigerated Air Dryer		Rev.	Date	Prepared By	Checked By	Approved By
				A	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
		Water Cooled Type		B				
				C				
				D				
Project Name		-		Model Name		HYD-500WN		
1	SPECIFICATION							
2	Supply Voltage	380V		Inlet Flow Rate		70.6		Nm3/min
3	Phase	3PH		Inlet Pressure		7		barg
4	Frequency	60Hz		Inlet Temperature		38		°C
5	Control use	220V		Outlet Flow Rate		70.6		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	165.4	L/min	Design Pressure		9.7		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)		1,200 X 1,800 X 1,830		mm
15	Ref. Compressor Type	Scroll		Weight		770		kg
16	Ref. Compressor Capacity	13	HP	Power Consumption		10.9		kW
17	Condenser Type	Water Cooled		Inlet Connection		150A	KS 10K SO.FF.	
18	Condenser Capacity	15	HP	Outlet Connection		150A	KS 10K SO.FF.	
19	Heat Exchanger Type	Block		Cooling Water Connection		40A	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		Accumulator with Heat Exchanger		YES		
28	Liquid Ref. Receiver	NO		Oil Separator		YES		
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-NM0050-GAH-VSD
ION DWD

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	70.6 Nm³/min
AIR IN/OUT CONNECTION	150A KS 10K SO.FF.
C.W. IN/OUT CONNECTION	PT 40A
DIMENSION(WXDH, mm)	1,200 X 1,800 X 1,830
WEIGHT	780 kg
POWER CONSUMPTION	10.9 kW
POWER SUPPLY	380/440V - 3PH - 50/60Hz



REV.	DATE	DESCRIPTION	DWG.	CHK.	APPRO.	APPRO.
2020.09.23		ISSUED FOR REFERENCE				
PROJECT						
MANUFACTURER	GSA Global Standard Air & Gas					
TITLE	OUTLINE DRAWING					
ITEM NO.	HYD-S00WN	DWG NO.	GSA-HYD-0500WN-01			
SCALE	NONE					

(A4 : 297mm x 210mm)

