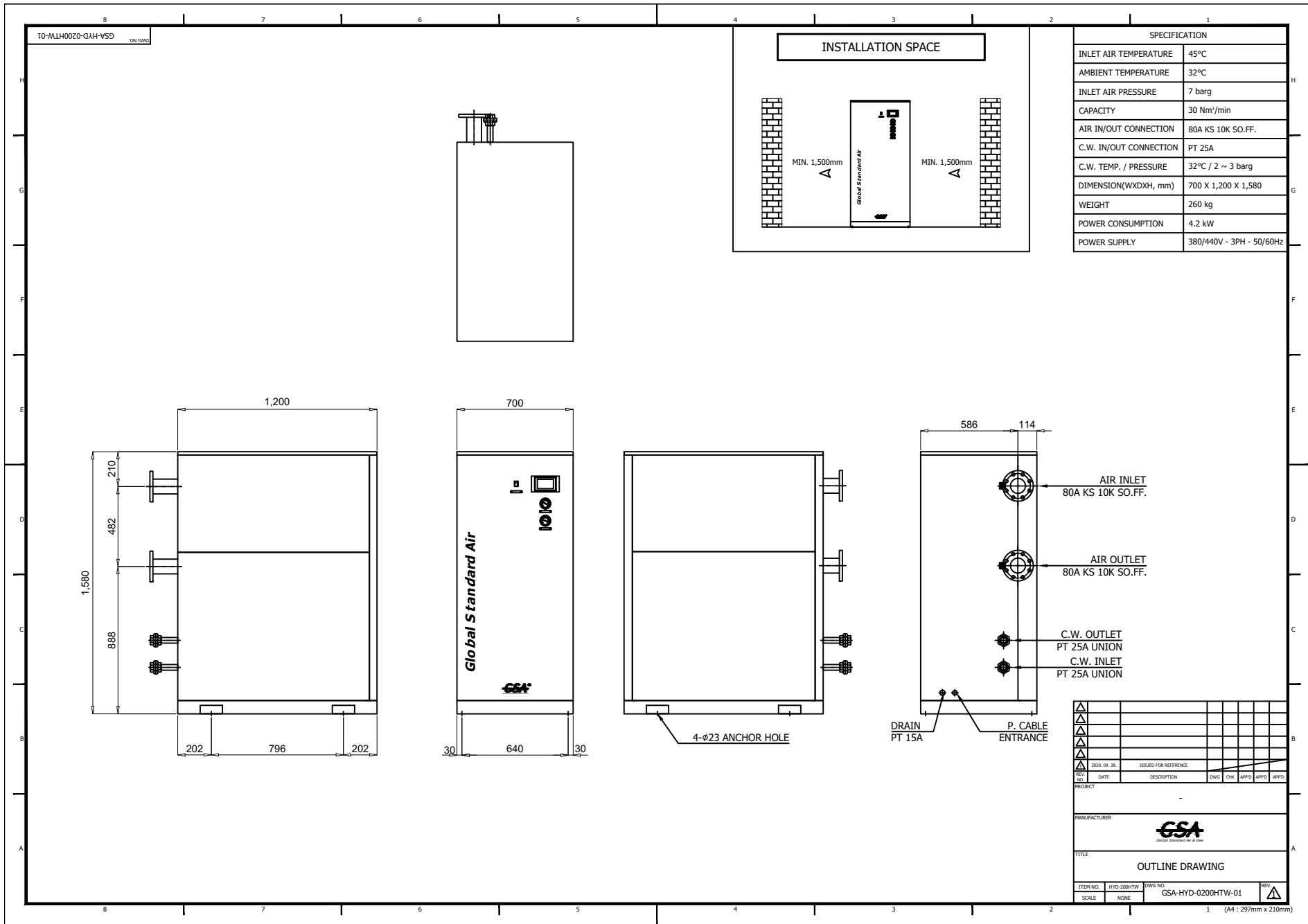


 Global Standard Air & Gas		Refrigerated Air Dryer for High Temp.		Rev.	Date	Prepared By	Checked By	Approved By
				A	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
		Water Cooled Type		B				
				C				
				D				
Project Name		-		Model Name		HYD-200HTW		
1	SPECIFICATION							
2	Supply Voltage	380V		Inlet Flow Rate		30		Nm3/min
3	Phase	3PH		Inlet Pressure		7		barg
4	Frequency	60Hz		Inlet Temperature		45		°C
5	Control use	220V		Outlet Flow Rate		30		Nm3/min
6	Fulid	Compressed Air		Outlet Pressure		6.8		barg
7	Location	Indoor		Outlet Temperature		33±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	51	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)		700 X 1,200 X 1,580		mm
15	Ref. Compressor Type	Scroll		Weight		260		kg
16	Ref. Compressor Capacity	5	HP	Power Consumption		4.2		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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SPECIFICATION	
INLET AIR TEMPERATURE	45°C
AMBIENT TEMPERATURE	32°C
INLET AIR PRESSURE	7 barg
CAPACITY	30 Nm ³ /min
AIR IN/OUT CONNECTION	80A KS 10K SO.FF.
C.W. IN/OUT CONNECTION	PT 25A
C.W. TEMP. / PRESSURE	32°C / 2 ~ 3 barg
DIMENSION(WXDxH, mm)	700 X 1,200 X 1,580
WEIGHT	260 kg
POWER CONSUMPTION	4.2 kW
POWER SUPPLY	380/440V - 3PH - 50/60Hz

REV.	DATE	DESCRIPTION	DWG.	CHK.	APPRO.	APPRO.
1	2020. 09. 28.	ISSUED FOR REFERENCE				
PROJECT						
MANUFACTURER						
GSA Global Standard Air & Gas						
TITLE						
OUTLINE DRAWING						
ITEM NO.	HYD-2020HTW	DWG NO.	GSA-HYD-0200HTW-01			
SCALE	NONE					

