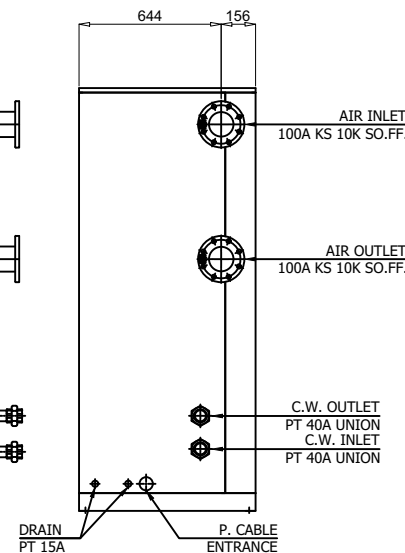
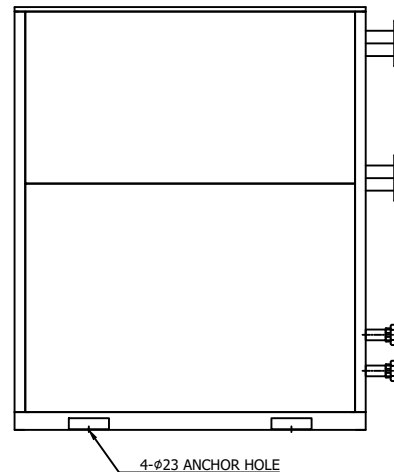
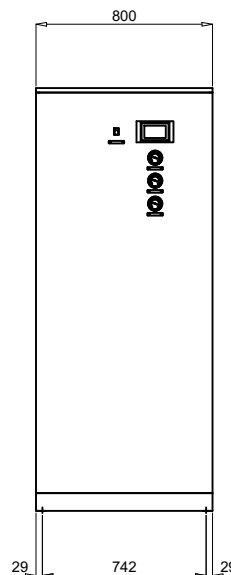
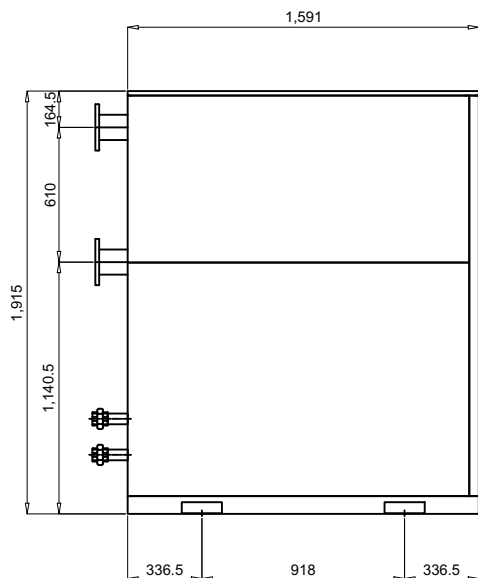


 Global Standard Air & Gas		Eco Pro Refrigerated Air Dryer		Rev.	Date	Prepared By	Checked By	Approved By
				A	2020.09.23	WOO.I.H.	JO.S.J.	KIM.H.W.
		Water Cooled Type		B				
				C				
				D				
Project Name		-		Model Name		HYD-400WN2		
1	SPECIFICATION							
2	Supply Voltage	380V		Inlet Flow Rate	59		Nm3/min	
3	Phase	3PH		Inlet Pressure	7		barg	
4	Frequency	60Hz		Inlet Temperature	38		°C	
5	Control use	220V		Outlet Flow Rate	59		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	96.2	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)	800 X 1,591 X 1,915		mm	
15	Ref. Compressor Type	Scroll		Weight	500		kg	
16	Ref. Compressor Capacity	10	HP	Min. Power Consumption	4.5		kW	
17	Condenser Type	Water Cooled		Inlet Connection	100A	KS 10K SO.FF.		
18	Condenser Capacity	10	HP	Outlet Connection	100A	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	ECO Mode Control	Dew Point Temp. Control			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-ZMM0000-0-DAH-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	59.0 Nm³/min
AIR IN/OUT CONNECTION	100A KS 10K SO.FF.
C.W. IN/OUT CONNECTION	PT 40A
DIMENSION(WXDXH, mm)	800 X 1,591 X 1,915
WEIGHT	500 kg
MIN. POWER CONSUMP.	4.5 kW
POWER SUPPLY	380/440V - 3PH - 50/60Hz



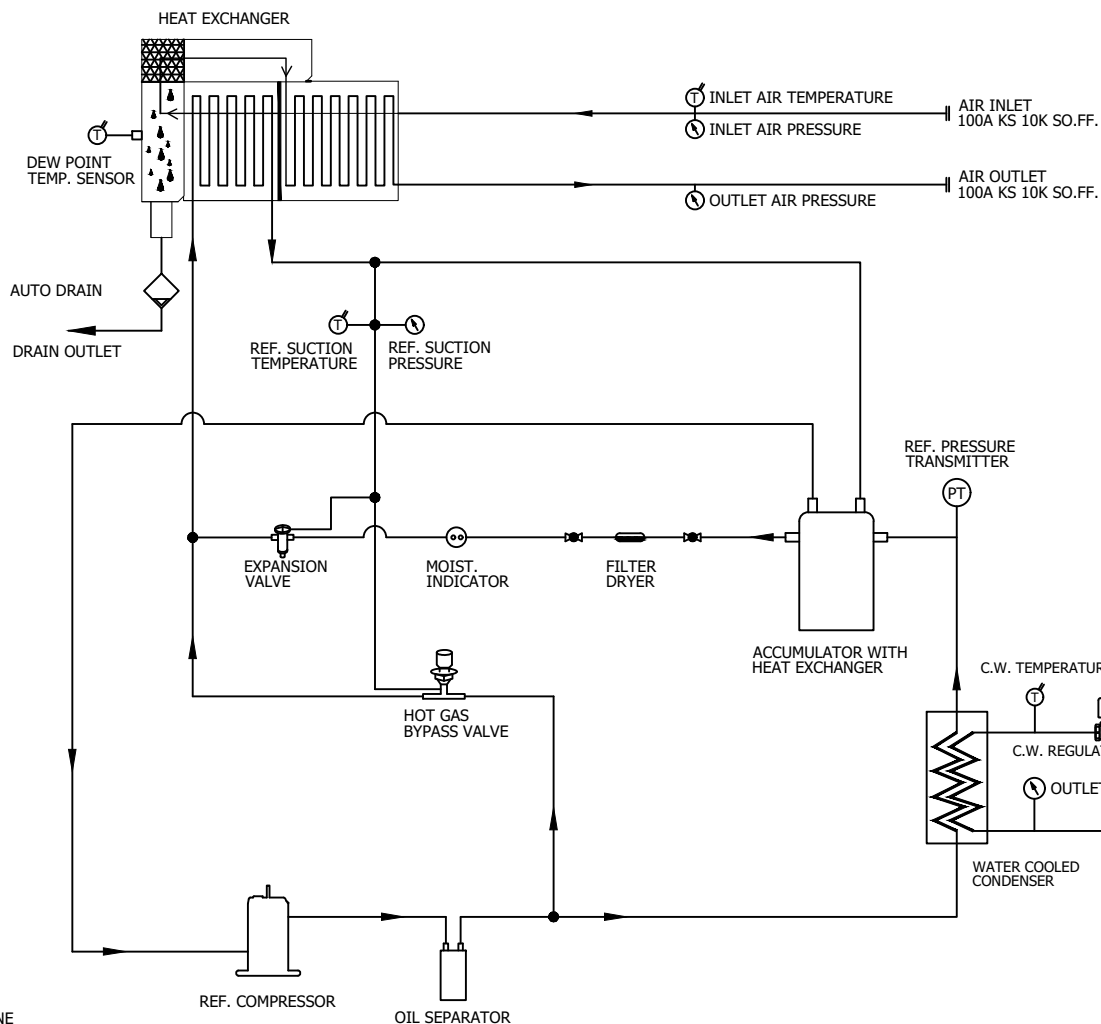
REV.	2020.09.23	ISSUED FOR REFERENCE	DWG	CHK	APPRO	APPRO
DATE		DESCRIPTION				
PROJECT						
MANUFACTURER						
TITLE						
ITEM NO.	HYD-0400WN2	DWG NO.	GSA-HYD-0400WN2-01	REV.		
SCALE	NONE					

GSA
Global Standard Air & Gas

OUTLINE DRAWING

(A4 : 297mm x 210mm)

ZD-ZMM00H0-0AH-VSD
ON DWG



DEW POINT		2~10°C @ PDP	
INLET AIR PRESSURE		7.0 barg	
INLET AIR TEMPERATURE		38°C	
CAPACITY		59.0 Nm³/min	
16	PRESS. GAUGE	OUTLET COOLING WATER	1
15	PRESS. GAUGE	OUTLET AIR	1
14	PRESS. GAUGE	INLET AIR	1
13	PRESS. GAUGE	REF. SUCTION	1
12	AUTO DRAIN	PT 15A	1
11	HGBV	-	1
10	HEAT EXCHANGER	400 HP	1
9	EXPANSION VALVE	10 TON	1
8	MOIST. INDICATOR	5/8"	1
7	FILTER DRYER	5/8"	1
6	ACCUMULATOR WITH HEAT EXCHANGER	-	1
5	REF. PRESS. TRANSMIT.	-1 ~ 35 BAR	1
4	C.W. REGUL. V/V	PT 40A	1
3	W.C. CONDENSER	10 HP (CONDENSING CAPACITY)	1
2	OIL SEPARATOR	-	1
1	REF. COMPRESSOR	10 HP (COOLING CAPACITY)	1
NO.	PART NAME	DESCRIPTION	QTY

REV.	DATE	DESCRIPTION	DWG	CHK	APPRO	APPRO
2020. 09. 23		ISSUED FOR REFERENCE				
PROJECT	-					
MANUFACTURER	GSA Global Standard Air & Gas					
TITLE	PIPING & INSTRUMENTATION DRAWING					
ITEM NO.	HYD-400WAZ	DWG NO.	GSA-HYD-0400WN2-02			
SCALE	NONE					

(A4 : 297mm x 210mm)

