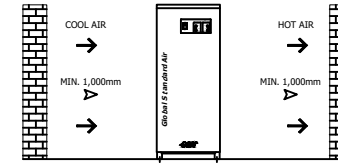


 Global Standard Air & Gas		Eco Pro Refrigerated Air Dryer		Rev.	Date	Prepared By	Checked By	Approved By
				1	2020.09.18	WOO.I.H	JO.S.J.	KIM.H.W.
		Air Cooled Type		2				
				3				
				4				
Project Name		-		Model Name		HYD-30N2		
1	SPECIFICATION							
2	Supply Voltage	220V		Inlet Flow Rate		3.9		Nm3/min
3	Phase	1PH		Inlet Pressure		7		barg
4	Frequency	60Hz		Inlet Temp.		38		°C
5	Control use	220V		Outlet Flow Rate		3.9		Nm3/min
6	Fulid	Compressed Air		Outlet Pressure		6.8		barg
7	Location	Indoor		Outlet Temp.		28±5		°C
8	Design Code	Maker STD.		Pressure Drop		0.2		barg
9	Area Class	Non-Hazardous		Outlet Dew Point		2~10		°C
10				Design Pressure		14		barg
11				Design Temperature		70		°C
12				Ambient Temperature		32		°C
13	CONSTRUCTION							
14	Refrigerant	R-22		Dimension (W x L x H)		358 X 658 X 864		mm
15	Ref. Compressor Type	Rotary		Weight		66		kg
16	Ref. Compressor Capacity	3/4	HP	Min. Power Consumption		0.45		kW
17	Condenser Type	Air Cooled		Inlet Connection		25A	PT Female Screw	
18	Condenser Fan Motor	66	W	Outlet Connection		25A	PT Female Screw	
19		1	EA	Drain Connection		10A	PT Female Screw	
20	Condenser Fan Size	300	mm	Color (Munsell)		5.7PB 4.1/9.9		
21	Condenser Capacity	3/4	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	ECO Mode Control	Dew Point Temp. Control						
27	Drain Trap Type	Auto Float						
28	STANDRAD FEATURES AND CONTROL							
29	Fan Controller	YES		Ref. Compressor		YES		
30	Ref. Liquid Filter Dryer	YES		Capillary Tube		YES		
31	Overload Relay	NO		Hot Gas Bypass Valve		NO		
32	PCB Controller	YES		Air Cooled Condenser		YES		
33	Fan Motor Test Button	NO		Accumulator		NO		
34	Air Pressure Gauge	NO		Liquid Ref. Receiver		NO		
35	Ref. Pressure Gauge	NO		Oil Separator		NO		
36	High Pressure Switch	YES		Circuit Breaker		NO		
37	Moisture Indicator	NO		Ref. Compressor Heater		NO		
38	Drain	YES						
39	NOTES							
40								
41								
42								
43								
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45								
46								

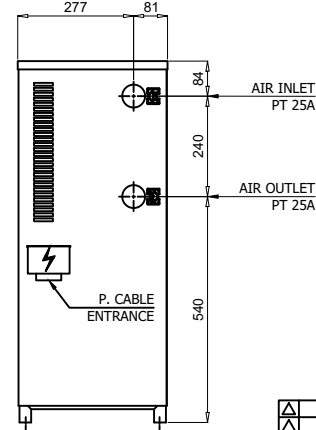
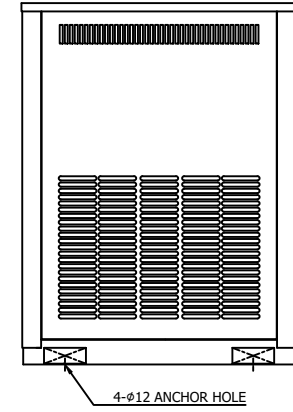
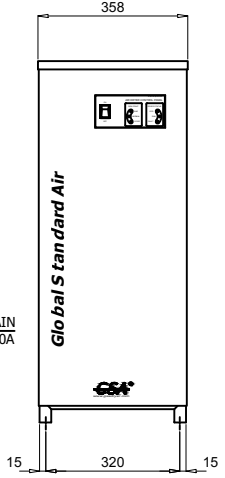
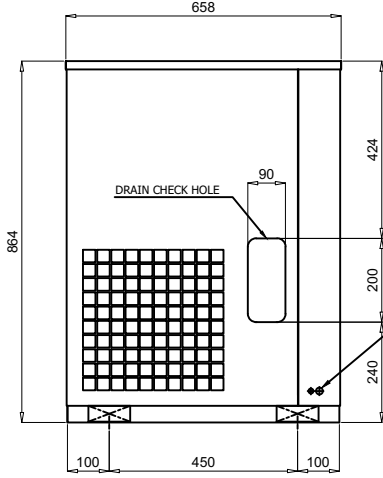
T0-ZN030N2-01
ON DWG

COOLING AIR DIRECTION



SPECIFICATION

INLET AIR TEMPERATURE	38°C
AMBIENT TEMPERATURE	32°C
INLET AIR PRESSURE	7 barg
CAPACITY	3.9 Nm ³ /min
IN/OUT CONNECTION	PT 25A
DIMENSION(WXDXH, mm)	358 X 658 X 864
WEIGHT	66 kg
MIN. POWER CONSUMPTION	0.45 kW
POWER SUPPLY	220V - 1PH - 50/60Hz

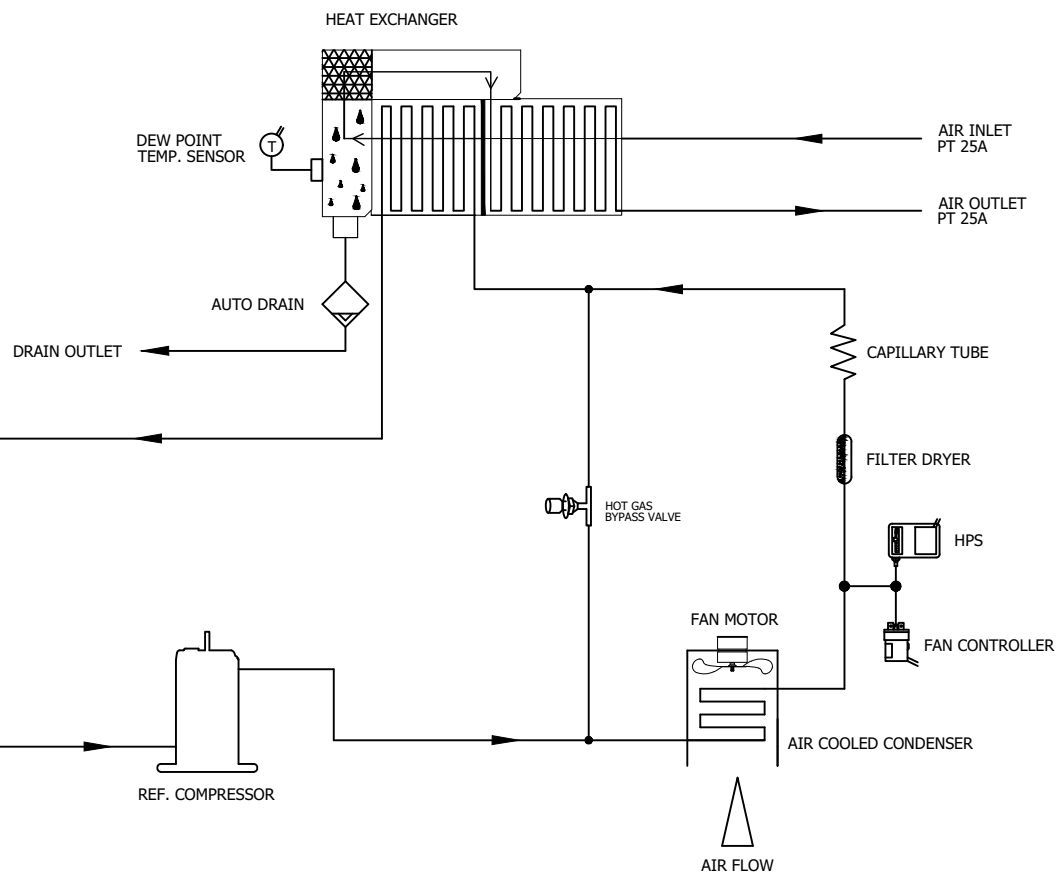


REV.	DATE	DESCRIPTION	DWG	CHK	APPRO	APPRO
1	2020.09.18	ISSUED FOR REFERENCE				
PROJECT						
MANUFACTURER						
GSA Global Standard Air & Gas						
TITLE						
OUTLINE DRAWING						
ITEM NO.	HYD-30N2	DWG NO.	GSA-HYD-0030N2-01			
SCALE	NONE	REV.				

(A4 : 297mm x 210mm)

Z0-ZN0302-02
ON DWG

DEW POINT	2~10°C @ PDP	
INLET AIR PRESSURE	7.0 BARG	
INLET AIR TEMPERATURE	38°C	
CAPACITY	3.9 Nm ³ /min	
10	HGBV	1
9	AUTO DRAIN	IN : PT 15A / OUT : 6A
8	HEAT EXCHANGER	30 HP
7	CAPILLARY TUBE	-
6	FILTER DRYER	3/8"
5	HPS	24 BARG
4	FAN CONTROLLER	12 ~ 18 BARG
3	FAN MOTOR	66W 4P Ø300
2	A/C CONDENSER	3/4 HP (CONDENSING CAPACITY)
1	REF. COMPRESSOR	3/4 HP (COOLING CAPACITY)
NO.	PART NAME	DESCRIPTION
		QTY



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

REV.	DATE	DESCRIPTION	DWG	CHK	APPD	APPD
2020.09.18		ISSUED FOR REFERENCE				
PROJECT						
MANUFACTURER						
TITLE						
ITEM NO.	HYD-30N2	DWG NO.	GSA-HYD-0030N2-02	REV.		
SCALE	NONE					

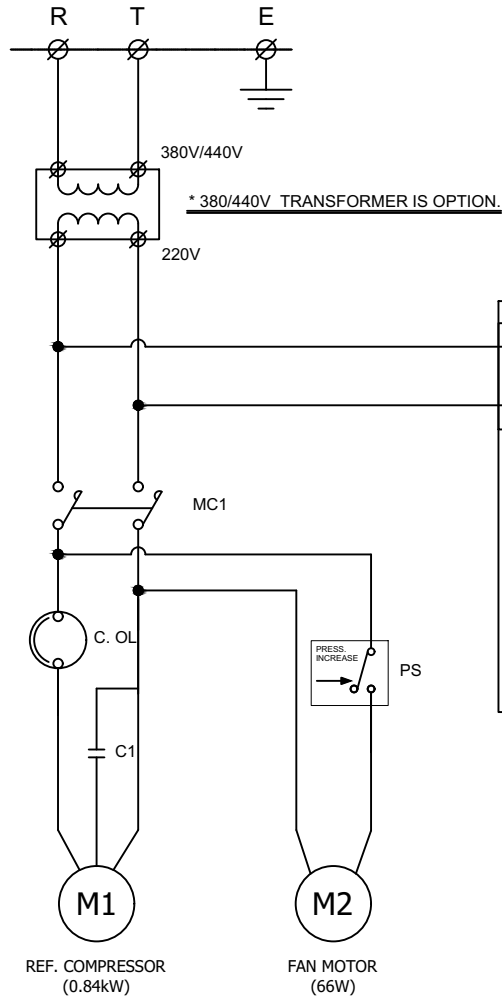


PIPING & INSTRUMENTATION DRAWING



(A4 : 297mm x 210mm)

E0-ZN0500-GJH-VSS
ON DWG



POWER SOURCE
AC 220, 1Ph, 50/60Hz

10	SW1	DRYER ON/OFF SWITCH
9	C. OL	REF. COMPRESSOR OVERLOAD
8	HPS	HIGH PRESSURE SWITCH
7	TS1	DEW POINT TEMP. SENSOR
6	TR	TRANSFORMER(OPTION)
5	MC1	MAGNETIC CONTACTOR
4	PS	FAN CONTROLLER
3	C1	RUNNING CAPACITOR
2	M2	FAN MOTOR
1	M1	REF. COMPRESSOR
NO.	SYMBOL	DESCRIPTION

REV.	DATE	DESCRIPTION	ENG	CHK	APPRO	APPRO
1	2020. 09. 18.	ISSUED FOR REFERENCE				
PROJECT	-					
MANUFACTURER	GSA Global Standard Air & Gas					
TITLE	WIRING DRAWING					
ITEM NO.	HYD-30N2	DWG NO.	GSA-HYD-0030N2-03			
SCALE	NONE	REV.				

(A4 : 297mm x 210mm)