

		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				
Project Name		-		Model Name		HYD-150WN2		
1	SPECIFICATION							
2	Supply Voltage	380V		Inlet Flow Rate	22.5	Nm ³ /min		
3	Phase	3PH		Inlet Pressure	7	barg		
4	Frequency	60Hz		Inlet Temperature	38	°C		
5	Control use	220V		Outlet Flow Rate	22.5	Nm ³ /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	33.1	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)	565 X 1,005 X 1,330	mm		
15	Ref. Compressor Type	Scroll		Weight	170	kg		
16	Ref. Compressor Capacity	3	HP	Min. Power Consumption	1.25	kW		
17	Condenser Type	Water Cooled		Inlet Connection	65A	PT Female Screw		
18	Condenser Capacity	3	HP	Outlet Connection	65A	PT Female Screw		
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	ECO Mode Control	Dew Point Temp. Control			5.7PB 2.9/3.5			
23	Drain Trap Type	Electric						
24	STANDRAD FEATURES AND CONTROL							
25	Ref. Compressor	YES		Suction Line Accumulator	YES			
26	Water Cooled Condenser	YES		Hot Gas Bypass Valve	YES			
27	Cooling Water Regulating Valve	YES		Oil Separator	NO			
28	Liquid Ref. Receiver	YES		PCB Controller	YES			
29	Filter Dryer	YES						
30	Expansion Valve	YES						
31	Heat Exchanger	YES						
32	Ref. Pressure Gauge	YES						
33	Ref. Dual Pressure Switch	YES						
34	Auto Drain	YES						
35	NOTES							
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