



Compressed Air & Purification | N<sub>2</sub> & O<sub>2</sub> Generator  
CO<sub>2</sub> Separator



Filter



Refrigerated Air Dryer



Air Receiver



Auto Drain Valves



Heatless Air Dryer

+91 62916 68065

[zenithmechanics@gmail.com](mailto:zenithmechanics@gmail.com)

[zenithmechanicssales@gmail.com](mailto:zenithmechanicssales@gmail.com)

Factory: Vill + P.O - Sarisha, south 24 parganas, Pin - 743 368 West Bengal, India



## TECHNICAL SPECIFICATION OF REFRIGERATED AIR DRYER

MODEL	INTER FLOW		POWER SUPPLY	RATED POWER(KW)	END CONNECTION	
	CFM	M <sup>3</sup> /HR				
ZD 20	20	34	230 V AC, 50 HZ, 1Ø	0.13	1/2"	BSP F
ZD 40	40	68		0.2	3/4"	
ZD 60	60	102		3.33	3/4"	
ZD 80	80	136		0.42	1"	
ZD 100	100	170		0.6	1"	
ZD 120	120	212		0.7	1"	
ZD 150	150	255		0.85	1 1/2"	
ZD 200	200	340		1.12	1 1/2"	
ZD 250	250	425		1.35	1 1/2"	
ZD 300	300	510		1.6	2"	
ZD 400	400	680	415 V AC, 50 HZ, 3Ø	1.9	2"	
ZD 500	500	850		2.2	3"	FL IS: 6392, T-17

## TECHNICAL SPECIFICATION OF HEATLESS AIR DRYER

MODEL	INLET FLOW(CFM)	INLET TEMP.(°C)	MAX WORKING PRESSUR	POWER SUPPLY	DEW POINT	END CONN.
ZHD 60	60	UPTO 45°C	7 - 13 BAR (G)	230V AC, 50HZ, 1Ø	(-)40°C ADP & (-)70°C ADP	3/4" BSP(F)
ZHD 80	80					1" BSP(F)
ZHD 100	100					1" BSP(F)
ZHD 120	120					1" BSP(F)
ZHD 150	150					1 1/2" BSP(F)
ZHD 200	200					1 1/2" BSP(F)
ZHD 250	250					2" BSP(F)
ZHD 300	300					2" BSP(F)

## TECHNICAL SPECIFICATION OF AIR RECEIVER

MODEL	WORKING PRESSUR (BAR G)			LTRS.	CAPACITY	
	7	8	10		M <sup>3</sup>	END CONN.
ZAR 25	✓	✓	✓	250	0.25	3/4" BSP(F)
ZAR 50	✓	✓	✓	500	0.5	1" BSP(F)
ZAR 150	✓	✓	✓	1500	1.5	2" BSP(F)
ZAR 200	✓	✓	✓	2000	2	2" BSP(F)
ZAR 250	✓	✓	✓	2500	2.5	DN 80
ZAR 300	✓	✓	✓	3000	3	DN 100

NOTE: STANDARD ACCESSORIES ARE SAFETY VALVE, MANUAL DRAIN VALVE & PRESSURE GAUGE

## TECHNICAL SPECIFICATION OF AUTO DRAIN VALVE

TYPE	MEDIUM DISCHARGE	HIGH DISCHARGE	HIGH PRESSURE
MODEL	ZDV MD	ZDV HD	ZDV HP
OPERATING PRESSURE	0-16	0-16	0-80
END CONN.	1/2" BSP(F)	1/2" BSP(F)	1/2" BSP(F)
VALVE BODY	BRASS	BRASS	BRASS
ORIFICE	1.3	12	1.3
CYCLE (MIN.)	0.5 - 45	1 - 128	0.5 - 45
DRAIN TIME (SEC.)	0.5 - 10	4	0.5 - 46
PILOT AIR REQUIRED	NO	YES	NO
SUPPLY VOLTAGE	230 V AC, 50 HZ, 1Ø (OPTIONAL FOR 110V AC & 24V DC/AC)		



Compressed Air & Purification | N<sub>2</sub> & O<sub>2</sub> Generator  
CO<sub>2</sub> Separator

+91 62916 68065

zenithmechanics@gmail.com

zenithmechanicssales@gmail.com

City Office: 24 Rishi Bankim Ch Rd, Kolkata -700034, West Bengal, India  
Factory: Vill + P.O - Sarisha, south 24 parganas, Pin - 743 368 West Bengal, India

