

AIR RECEIVER

WRV
Services



Designed as per requirement

All Vessels are hydro static testing

Supplied with Standard Accessories

Fabricated as per ASME VIII on requirement

Capacity	:	0.5 m ³ to 40 m ³
Inlet Air Pressure	:	6 to 30 bar g
Inlet Air Temperature	:	100 deg C



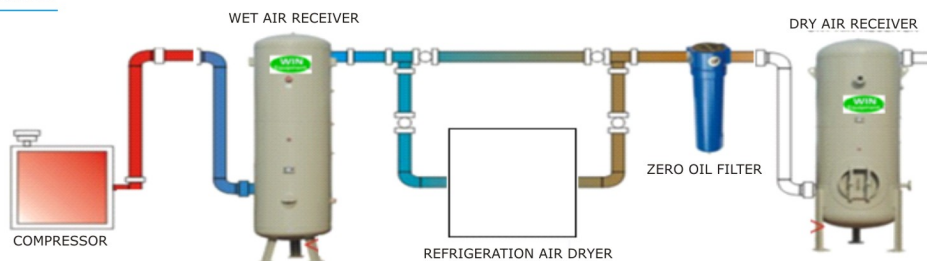
Working Principle

The atmospheric air we breath, which is the air drawn into a compressor, contains moisture (water vapour) which the weather man calls humidity. This capability of air to carry moisture varies, relative to the temperature. If the temperature of air rises - as happens when it is compressed - then that capability rises as well. In the case of your compressor, water vapour in the compressed air condenses when the air cools. Some of this condensate remains in the air receiver downstream of the compressor. Even then, the air is still saturated to 100% with water vapour. When the air cools further, significant amounts of condensate accumulate in the air main piping & at the takeoff points & production machinery. Without additional drying, operational interruptions, product downtime & costly repair work is unavoidable.

Technical Specification

Model	Variance	Capacity	Working Pressure	Design Pressure	Hydro Test Pr.	Diameter	Overall Height	Endconn.	Hand Hole/ Man Hole	Foundation
		litre	bar g	bar g	bar g	(Outer) mm	mm	BSP/NB		
WRV 025	2	250	7	8	12	490	1620	3/4" BSP	Hand Hole	Leg
	3		10	11	17					
	4		12.5	14	21					
WRV 050	2	500	7	8	12	630	2000	1" BSP	Hand Hole	Leg
	3		10	11	17					
	4		12.5	14	21					
WRV 100	2	1000	7	8	12	750	2750	1 1/2" BSP	Hand Hole	Leg
	3		10	11	17					
	4		12.5	14	21					
WRV 150	2	1500	7	8	12	980	3100	2" BSP	Hand Hole	Leg
	3		10	11	17					
	4		12.5	14	21					
WRV 200	2	2000	7	8	12	980	3250	2" NB	Man Hole	Skirt / Leg
	3		10	11	17					
	4		12.5	14	21					
WRV 300	2	3000	7	8	12	1250	2940	4" NB	Man Hole	Skirt / Leg
	3		10	11	17					
	4		12.5	14	21					
WRV 500	2	5000	7	8	12	1500	3525	6" NB	Man Hole	Skirt / Leg
	3		10	11	17					
	4		12.5	14	21					
WRV 1000	2	10000	7	8	12	2000	3450	8" NB	Man Hole	Skirt / Leg
	3		10	11	17					
	4		12.5	14	21					

Typical Installation



* Specifications are subject to change due to up gradation in all industries

Authorized Channel Partner :

Manufacturer

WIN EQUIPMENTS

106 B, S.N.R College Road, K.R.Puram, Coimbatore

TN – 641 006, INDIA. Tele Fax: +91 422 2562975

m: +91 9597 228 969, +91 9597 228 978

e: info@winequipments.com, URL : www.winequipments.com

hot line: +91 9597 228 975

