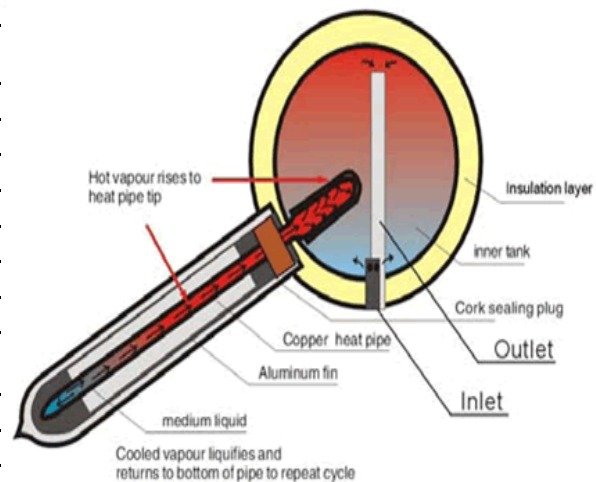


Compact pressure SWH system from TBV Solar

Model	CP-58-1800-15-150L	CNP-58-1800-20-200L	
Overall Height	172	172	cm
Overall Length	145	185	cm
Overall width	160	160	cm
Absorber area	2.04	2.72	m ²
Frame material type	1.5mm thickness galvanized sheet plate	1.5mm thickness galvanized sheet plate	
Angle type	38°	38°	
Weight (empty)	73	94	Kg
Weight (full operating)	223	294	Kg
Tank only capacity	150	200	liters
Outer tank diameter	47	47	cm
Outer tank material type	Colored steel	Colored steel	
Outer tank material thickness	0.4	0.4	mm
Inner tank diameter	36.5	36.5	cm
Inner tank material type	SUS304-2B Stainless Steel Food Grade	SUS304-2B Stainless Steel Food Grade	
Inner tank material thickness	1.2	1.2	mm
Insulation material type	polyurethane foam	polyurethane foam	
Insulation thickness	55	55	mm
Inlet pipe diameter	3/4" female	3/4" female	inches
Outlet pipe diameter	3/4" female	3/4" female	inches
T/P valve pipe diameter	3/4" female	3/4" female	inches
Mg. rod pipe diameter	3/4" female	3/4" female	inches
Negative pressure valve pipe diameter	1/2" female	1/2" female	inches
Number of heat pipes	15	20	tubes
Outer vacuum tube diameter	58	58	mm
Inner vacuum tube diameter	47	47	mm



Thickness of glass tube	1.6	1.6	mm
Tube length	180	180	cm
Tube material type	CU-SS-AL/N	CU-SS-AL/N	
Absorptivity coefficient of coat	≥92%	≥92%	
Emissivity coefficient of coat	≤8%	≤8%	
Tube material	Borosilicate glass 3.3	Borosilicate glass 3.3	
Heat pipe material	TU1 copper	TU1 copper	
Heat pipe length	180	180	mm
Condensation pipe diameter	14	14	mm
Condensation pipe thickness	1	1	mm
Riser pipe diameter	8	8	mm
Riser pipe thickness	0.6	0.6	mm
Water tank package	1530x500x500	1930x500x500	mm
Vacuum tube package	1940x350x250 x1	1940x350x180 x2	mm
Frame package	1850x100x350	1850x100x350	mm
Unit Price excluding instalation	ZAR 11,950.00	ZAR 14,760.00	set