

**Microsolar Specification Updated on 2009**

<b>MODEL No. of valves No. of pax (shwrs only)</b>	<b>No. of Vacuum Tubes Borosilicate “Pyrex” glass</b>	<b>CAPACITY Installed weight</b>	<b>Max Temp Hot sunny day (Tested Spain, NZ, Australia, Malaysia)</b>	<b>INSTALLED SIZE</b>
M60VT 40 valve 3.0sqm collector 5 pax	20 tubes 58mm ø x 1.8m long	55 UK gals 250 ltrs, 340 kg	95°C to 100°C (203F to 212F)	2.0m across slope, 2.3m downslope
M80VT 60 valve 4.2sqm collector 8 pax	30 tubes 58mm ø x 1.8m long	75 UK gals 340 ltrs, 500 kg	95°C to 100°C (203F to 212F)	2.5m across slope, 2.3m downslope

Insulation : 60mm polyurethane foam  
 Tank material : 304 stainless steel  
 Frame : Stainless steel/ Aluminium  
 Casing Material : 304 Nickel Chrome stainless steel mirror finish  
 Parabolic Reflector : 304 Nickel Chrome stainless steel mirror finish  
 Vacuum Tubes : External diameter 58mm, internal diameter 47mm, length 1800mm  
                   Super hard Borosilicate Glass (“Pyrex”)  
                   Solar Absorption rate: >93%  
                   Thermal Radiation rate <6% at 100°C  
                   Max temperature exposed to sunlight without water 250°C  
                   Minimum Ambient Temperature before cracking: minus 32°C  
                   Splutter Coating Black Selective Absorber Al-N-Al  
                   Hail resistance: 20mm diameter

*Specifications may vary in different countries and may be subject to change without prior notice, please contact Microsolar for the latest specifications.*