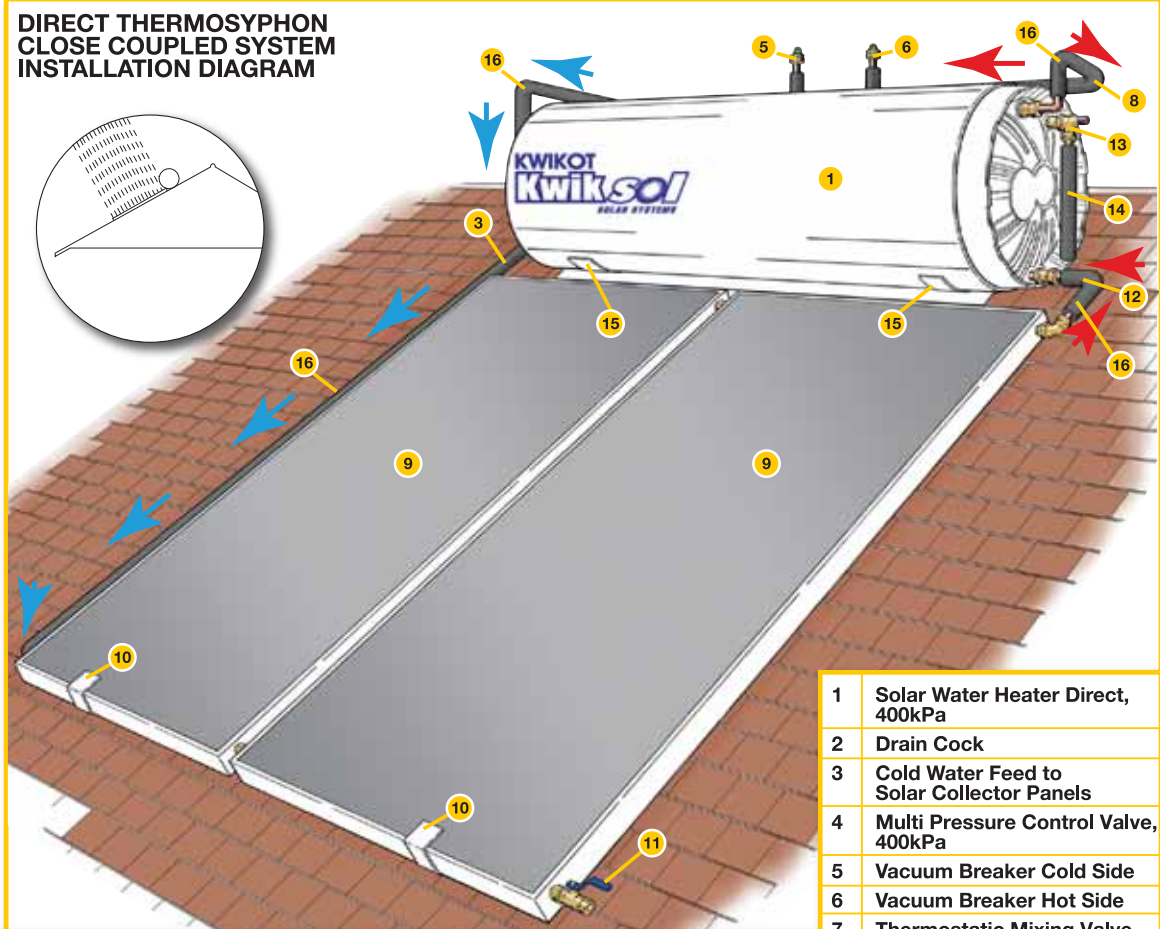


## DIRECT SYSTEM for Frost-Free Locations

**DIRECT THERMOSYPHON  
CLOSE COUPLED SYSTEM  
INSTALLATION DIAGRAM**



- |    |  |
|----|--|
| 1  | Solar Water Heater Direct, 400kPa                |
| 2  | Drain Cock                                       |
| 3  | Cold Water Feed to Solar Collector Panels        |
| 4  | Multi Pressure Control Valve, 400kPa             |
| 5  | Vacuum Breaker Cold Side                         |
| 6  | Vacuum Breaker Hot Side                          |
| 7  | Thermostatic Mixing Valve                        |
| 8  | Hot Water Feed to Taps (Balanced Pressure)       |
| 9  | Solar Collector Panels                           |
| 10 | Roof Mounting Brackets for Solar Collector Panel |
| 11 | Lever Ball Valve                                 |
| 12 | Hot Water Feed to Solar Water Heater             |
| 13 | Safety Valve, 400kPa                             |
| 14 | Expansion Overflow Pipe                          |
| 15 | Pitch Roof Support for Solar Water Heater        |
| 16 | Thermal Pipe Lagging (R1 Rating)                 |
| 17 | Electrical Cover Plate                           |
| 18 | Cold Water Feed to Taps (Balanced Pressure)      |
| 19 | Drip Tray  |
| 20 | 50mm Overflow PVC Pipe from Drip Tray            |

**DIRECT THERMOSYPHON  
SPLIT SYSTEM  
INSTALLATION DIAGRAM**

