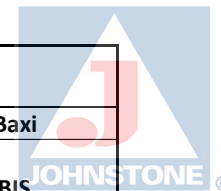




Solar Thermal Competitive Comparison



Updated 5/8/09	2 Panel System, Single Coil Tank, Solar Pre-heat System					
Feature	Caleffi NAS30040	Viessman SK 00912	Oventrop 540 00 16K	Buderus Comfort Line SKN 3.0-2	Heliodyne GOBI 406 001	Baxi BIS
Solar Panel						
Solar panel mounted air vent?	Yes	No	No	Yes	Yes (non solar)	Yes
Air vent shutoff isolation valve?	Yes	No	No	Yes	No	No
Quick connect fittings on all manifold ports?	Yes	No	No	No	Yes	Yes
Include caps for un-used ports?	Yes	No	No	No	No	No
Include solar panel mounting hardware?	Yes	Yes	Yes	Yes	Yes	Yes
Include temperature dry well for sensor?	Yes	Yes	Yes	Yes	Yes	No
Include insulation tape for exposed hardware?	Yes	No	No	No	Yes	No
Warranty	10 years	10 years	10 years	10 years	10 years	10 years
Supply and Return Piping						
Include piping from panel to pump station?	Yes	No piping included	No	Yes	No piping included	No piping included
Piping insulation UV rated?	Yes	No piping included	No	Yes	No piping included	No piping included
Piping include quick connect, union fittings?	Yes	No piping included	No	Yes	No piping included	No piping included
Include piping from pump station to tank?	Yes	No piping included	No	No	No piping included	No piping included
Warranty	6 years	No piping included	na	1 Year	No piping included	No piping included
Storage Tank						
Tank Design	80 gal glass lined	79 gal glass lined	80 gal ss lined	80 gal glass lined (2 coil)	No tank included	80 gal glass lined (2 coil)
Quick connect fittings on HX ports?	Yes	No	No	No	No tank included	No
Include temperature dry wells for sensor?	Yes	Yes	Yes	Yes	No tank included	Yes
Include electrical element & aquastat for backup?	Yes	No	Yes	No	No tank included	No
Warranty	6 years	8 years	15 Years	5 Year	No tank included	5 Year
Expansion Tank and Glycol						
Exp tank sized for panel vaporization protection?	Yes - 5 gal	Yes - 6.5 gal	No Exp Tank	Yes - 4.8 gal	No - 2 Gal	Yes - 6.6 gal
Include all expansion tank connection hardware?	Yes	Yes	No	Yes	No	Yes
Glycol Heat Transfer Fluid	12 gal pre-mixed	5.3 gal pre-mixed	5 gal pre-mixed	5.3 gal pre-mixed	3 gal non-mixed	2.6 gal non-mixed
Pumping Station						
Quick connect fittings to piping on all ports?	Yes	No	No	No	No	Yes
Include fill and purge T?	Yes	Yes	Yes	Yes	Yes	Yes
Include wire to connect controller?	Yes	No	No	No	Yes	No
Controller						
Performs pump speed control?	Yes	No	No	No	No	No
Packaging						
All parts shipped in single crate	Yes	No	No	No	No	No
Warranty (all other parts)	4	2	5	1	1	1
Solar Installation Video	Yes	No	No	No	No	No