

DELTA SOLAR HEATER

Mfg: OM ENERGY EQUIPMENT,
RAJKOT



COMPANY INTRODUCTION

- OM ENERGY EQUIPMENT, RAJKOT.
- MANUFACTURING SOLAR WATER HEATER
- STARTED IN 2001.
- MNRE APPROVED.
- ISO 9001 2008 AND ISO 14001 CERTIFIED.
- OWNED AND MANAGED BY A YOUNG TEAM.
- STRENGTH: PEOPLE (DEALERS, PLUMBERS, TEAM), PASSION FOR QUALITY AND THE CUSTOMERS.



PRODUCTS



- SOLAR WATER HEATER.
 - ETC AND FPC TYPE.
 - PRESSURISED AND NON PRESSURISED SYSTEMS.
 - DOMESTIC AND INDUSTRIAL SYSTEMS.
- APPLICATIONS:
 - HOME, HOTEL, HOSPITAL, HOSTEL.
 - INDUSTRIAL WATER HEATING.
 - INSTITUTE.



INSTALLATION

- INLET AND OUTLET ALL HOT WATER PIPE.
- AIR VENT IS MUST IN NON PRESSURIZE SYSTEM.
- NON RETURN IS REQUIRED ONLY IF;
 - COLD WATER TANK IS ON HEIGHT THAN SOLAR FEED TANK.

INSTALLATION

- Never apply pressure pump in a non pressurized system inlet.
- Never block the air vent.
- Always support the air vent properly.
- NRVs may cut the pressure.





PRESSURISED SYSTEM

- Pressurized system is required to operate pressure jet shower panel only.
- Else avoid the pressurized system.
- Pressurized system has lesser life expected and lower performance.

PRODUCT SELECTION



- NON PRESSURISED SYSTEMS:
- PER PERSON 35 TO 40 Liters.

MEMBERS IN FAMILY (NOS)	SYSTEM CAPACITY REQUIRED	NUMBER OF BATHROOMS
3 TO 4	150 LPD	2 TO 4
4 TO 5	200 LPD	2 TO 4
5 TO 6	250 LPD	2 TO 4
6 TO 7	300 LPD	2 TO 4
8 TO 10	500 LPD	2 TO 4

PRESSURISED SYSTEMS



- 70 TO 80 LITERS PER PERSON IF USING PRESSURISED SHOWER BATH.

NUMBER OF PERSON	SYSTEM CAPACITY REQUIRED	BATHROOMS CONNECTED
3 TO 4 PERSONS	300 LPD	2 TO 4 BATHROOMS
4 TO 5 PERSONS	500 LPD	2 TO 4 BATHROOMS

SITE SURVEY



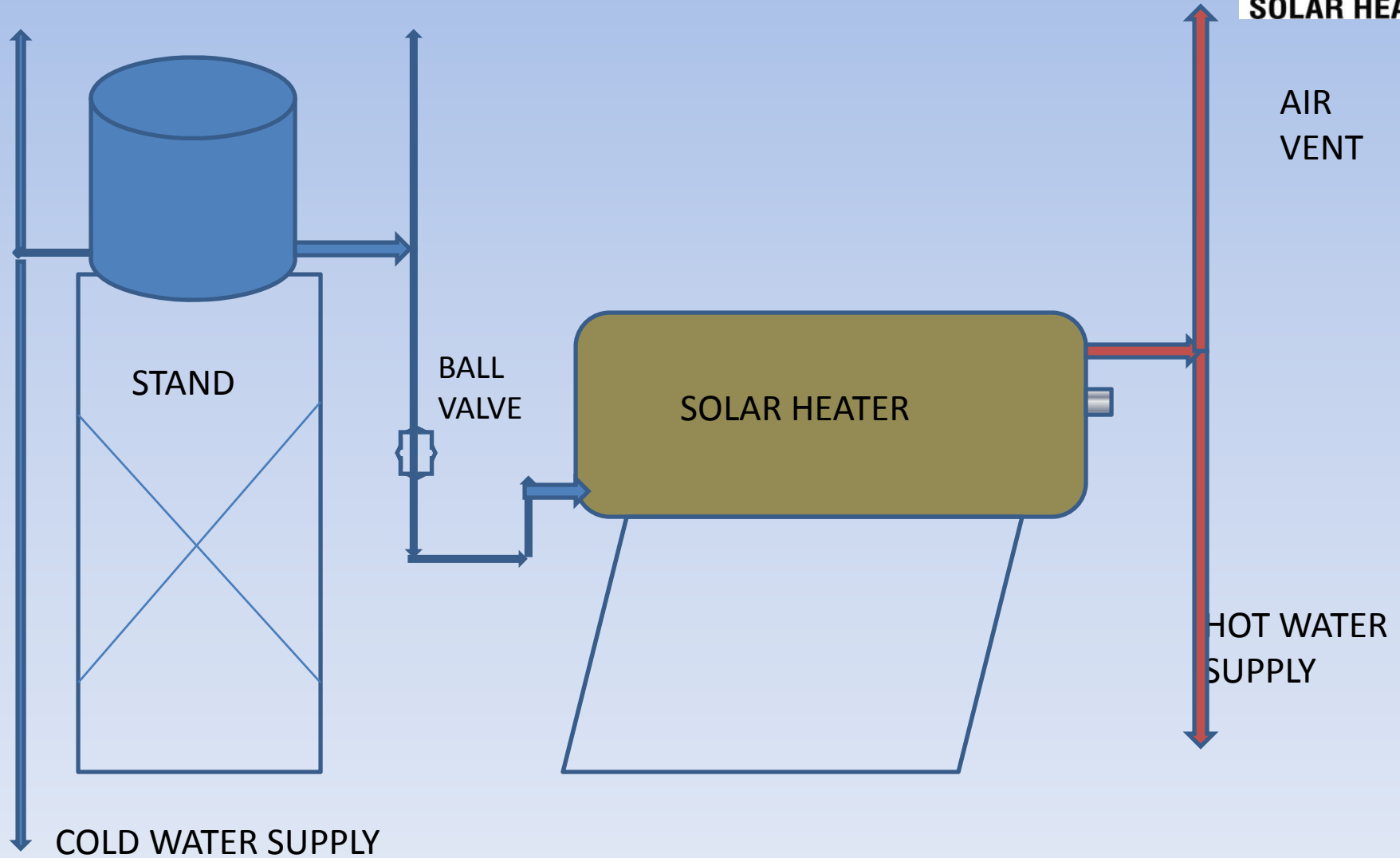
- SPACE AVAILABLE ON TERRACE ?
- COMMON HOT WATER PIPE POINT ON TERRACE ?
- NO SHADDOW OF NEARBY BUILDING OR TREES.
 - SPECIALLIY FROM SOUTH AND WEST DIRECTION.
- SUNLIGHT EXPECTED FROM 10 AM TO 4 PM.
- OVERHEAD TANK AVAILABLE ?

INSTALLATION



- ALWAYS IN SOUTH FACING DIRECTION.
- NEARER TO THE BATHROOMS IF POSSIBLE.
 - TO REDUCE PIPELINE HEAT LOSS.

AUTO WATER FILLING WITH OVERHEAD TANK



MANUAL WATER FILLING WITHOUT OVERHEAD TANK

