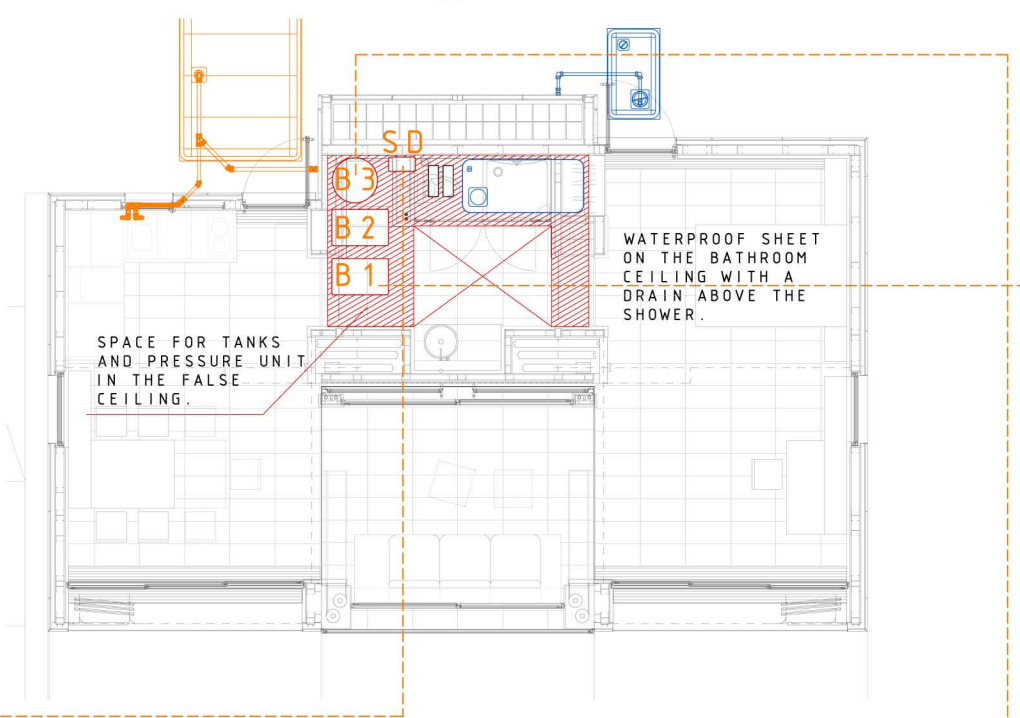


REFERENCE PLAN:



2 ROCA HOT WATER STORAGE TANKS (60L): B1 | B2

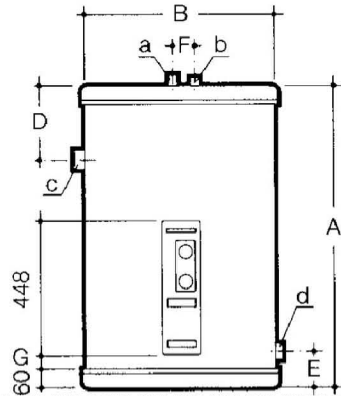
**B1 + B2**

DIMENSIONS AND TECHNICAL SPECIFICATIONS:

DIMENSIONS (MM): A: 749MM B: 480MM C: 210MM D: 145MM E: 94MM F: 31MM

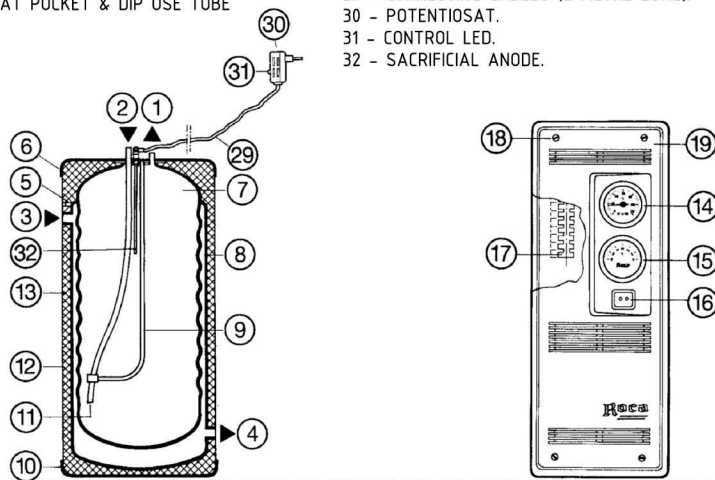
CONNECTIONS: a: 3/4" b: 3/4" c: 1" d: 1"

PRIMARY CAPACITY: 22 LITRES.  
DHW CAPACITY: 55 LITRES.  
HEATING SURFACE: 0.6 M2  
CONTINUOUS OUTPUT AT 45°C, FLOW(1): 386 L/H.  
10MIN PEAK OUTPUT (2) FLOW: 110 LITRES.  
APROX. WEIGHT EMPTY: 32 KG.



MAIN COMPONENTS:

1 - HOT DRAFF (SECONDARY).  
2 - COLD FEED (SECONDARY).  
3 - PRIMARY FLOW.  
4 - PRIMARY RETURN.  
5 - PRIMARY AIR VENT.  
6 - TOP MOULDING.  
7 - STAINLESS STEEL DOMESTIC WATER VESSEL AISI-16Ti.  
8 - PRIMARY VESSEL IN ST-37 CARBON STEEL.  
9 - THERMOSTAT POCKET & DIP USE TUBE STAY.  
10 - BASE MOULDING P.V.C.  
11 - DIP TUBE P.V.C.  
12 - PADDED VINYL JACKET.  
13 - RIGID POLYURETHANE FOAM INSULATION.  
14 - THERMOMETER.  
15 - CONTROL THERMOSTAT.  
16 - WINTER/SUMMER SWITCH.  
17 - TERMINAL STRIP.  
18 - CONTROL PANEL FIXING SCREWS.  
19 - CONTROL PANEL.  
29 - CONNECTING CABLES (2-METRE LONG).  
30 - POTENTIALS.  
31 - CONTROL LED.  
32 - SACRIFICIAL ANODE.

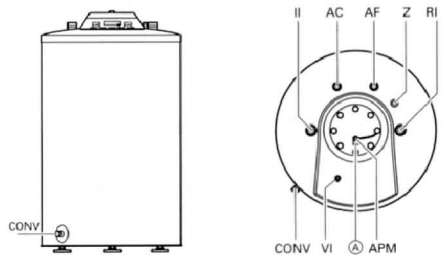


VITOCELL W-100 HOT WATER STORAGE TANK (150L): B3

**B1**

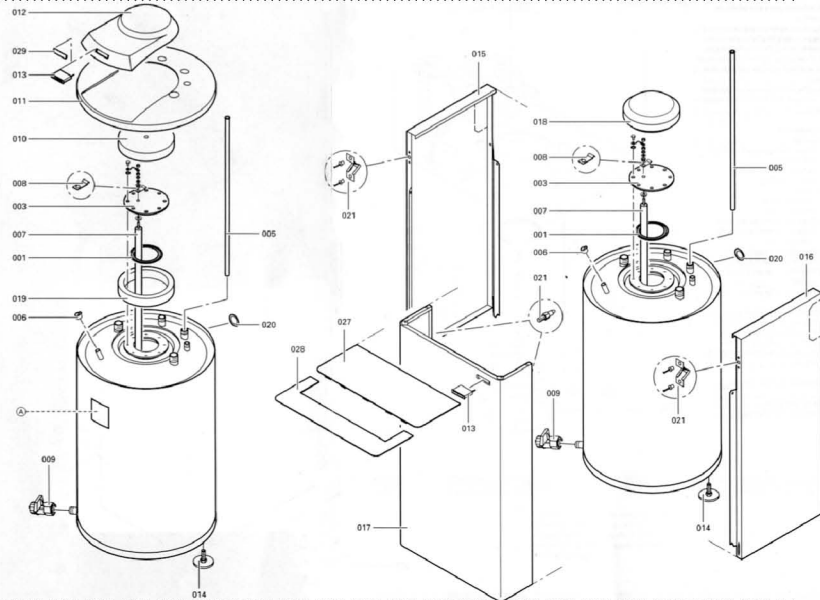
TECHNICAL DATA:

A - THERMOSTAT POCKET CONNECTION.  
CONV - DRAIN CONNECTION.  
AF - DCW.  
RI - HOT WATER STORAGE TANK RETURN.  
II - HOT WATER STORAGE TANK SUPPLY.  
VI - DIP TUBE (TANK TEMPERATURE CONTROL)  
APM - MAGNESIUM SACRIFICIAL ANODE.  
AC - DHW.  
Z - RECIRCULATION.



MAIN COMPONENTS:

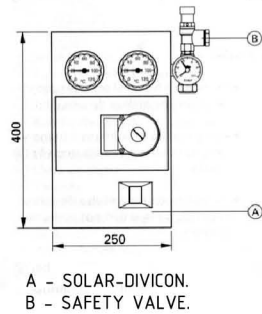
001 - JOINT.  
003 - FLANGE. (WITH 001, 007 & 008)  
005 - COLD WATER PIPE.  
006 - PLUG.  
007 - MAGNESIUM SACRIFICIAL ANODE.  
008 - TIGHT BRACE.  
009 - DRAIN VALVE.  
010 - THERMAL INSULATION.  
011 - TOP COVER.  
012 - TOP COVER CAP.  
013 - THERMOMETER.  
014 - ADJUSTABLE SUPPORT.  
015 - LEFT SIDE METAL PLATE.  
016 - RIGHT SIDE METAL PLATE.  
017 - FRONT METAL PLATE.  
018 - INSULATION COAT CAP.  
019 - INSULATING RING.  
020 - CENTERING RING.  
021 - FASTENERS.  
027 - COVER.  
028 - COVER.  
029 - THERMOMETER WINDOW COVER.  
A - DATA PLATE.



**SD**

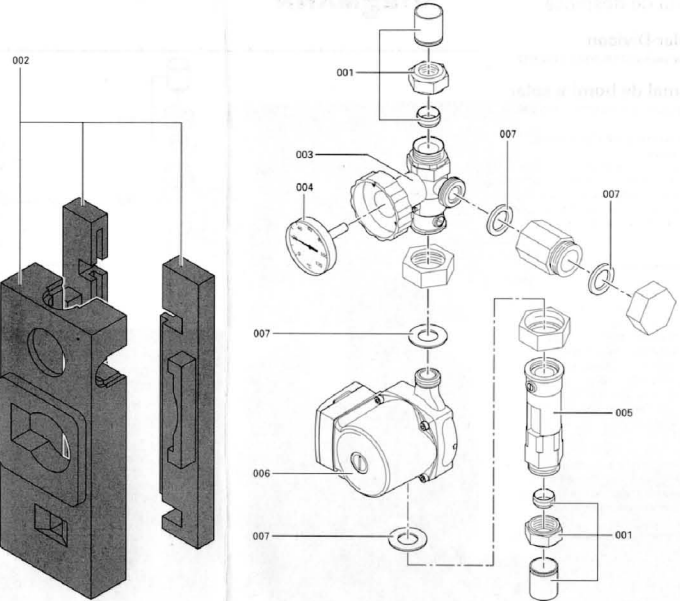
SOLAR-DIVICON PUMP STATION:

THIS PUMP STATION CARRIES OUT HIDRAULIC FUNCTIONS AND THERMAL PROTECTION OF THE SOLAR HEATING SYSTEM. ALL THE COMPONENTS NEEDED FOR THE SAFETY AND WORKING OF THE SHS ARE SET IN THIS COMPACT UNIT.



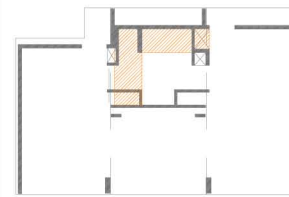
MAIN COMPONENTS:

001 - PRESSURE RING JOINT WITH SUPPORT SLEEVE.  
002 - INSULATION COVERS.  
003 - SHUT-OFF VALVE.  
004 - THERMOMETER.  
005 - FLOWMETER.  
006 - RECIRCULATION PUMP.  
007 - GASKET SET.

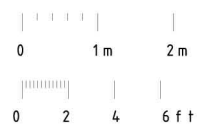


M-57

DATE: 08.04.2005



SCALE\_1:100



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general coordinator



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construction manager

JAVIER NEILA  
architecture manager

ESTEFANIA CAAMAÑO  
general coordinator



Universidad Politécnica de Madrid (UPM)

03/03

M-57

1:100

MECHANICAL DRAWINGS: SHS.