

CONNECTION DETAILS

1	Cold Feed		13	Sensor (Bottom Coil)	G 1/2 INT
2	PHE Return		14	Sensor (Backup)/Instrument	G 1/2 INT
3	HWSR		15	Sensor (Top Coil)/Instrument	G 1/2 INT
4	PHE Flow/HWSR		16	Sensor (Heat Dump)	G 1/2 INT
5	T&P/Safety Valve(s)/Vent		17	De-Strat	G 1/2 INT
6	HWSF		18	Immersion Heater	TBC
7	Thermometer	G 3/4 INT	19	Inspection Opening(s)	
8	Solar/LTHW Inlet	TBA	20	Drain	G 1 INT
9	Solar/LTHW Outlet	TBA	21	PHE Return	
10	Solar Inlet	TBA	22	De-Strat	G 1/2 INT
11	Solar Outlet	TBA	23	Anti Vacuum Valve	G 1/2 INT
12	Sensor (Anti Legionella)	G 1/2 INT	24	Automatic Air Vent	G 1/2 INT

VESSEL TO BE DESIGNED IN ACCORDANCE WITH PD5500 CAT: 3 (EXCLUDING FORM X)

FLANGED CONNECTIONS TO BE 100mm PROUD OF SHELL TO BS EN 1092-1:2002 PN16

SCREWED CONNECTIONS TO BE ___mm PROUD OF SHELL

NOTE 1 : IF VENT REQUIRED, VENT OFF CONNECTION 5 OR SECONDARY FLOW PIPEWORK

NOTE 2 : CONNS 12, 13, 14, 15 & 16 ARE CONNECTION ONLY, POCKETS TO BE SUPPLIED BY OTHERS

NOTE 3: THE LEGS MAY DIFFER. I.E LEGS WILL BE WELDED TO A RING STAND FOR DIAMETERS 675mm TO 900mm AND WILL BE WELDED TO THE SHELL FOR 1050mm AND ABOVE AS SHOWN

NOTE 4: COIL MATERIAL: COPPER

NOTE 5: CONNS 1, 3, 4 & 21 TO BE FITTED WITH BOX BAFFLE AS SHOWN

PLEASE USE TICK BOXES PROVIDED IF REQUIRED

VESSEL TO BE VENTED ☐

VESSEL TO BE UNVENTED ☐

A) OPTIONAL EXTRA ☐

FACTORY FITTED INSULATION OF VESSEL CONSISTING OF 50mm THICK FIBREGLASS MATTRESSES SECURED TO SHELL AND ENCLOSED IN STUCCO ALUMINIUM SHEET (SELF COLOUR)

B) OPTIONAL EXTRA ☐

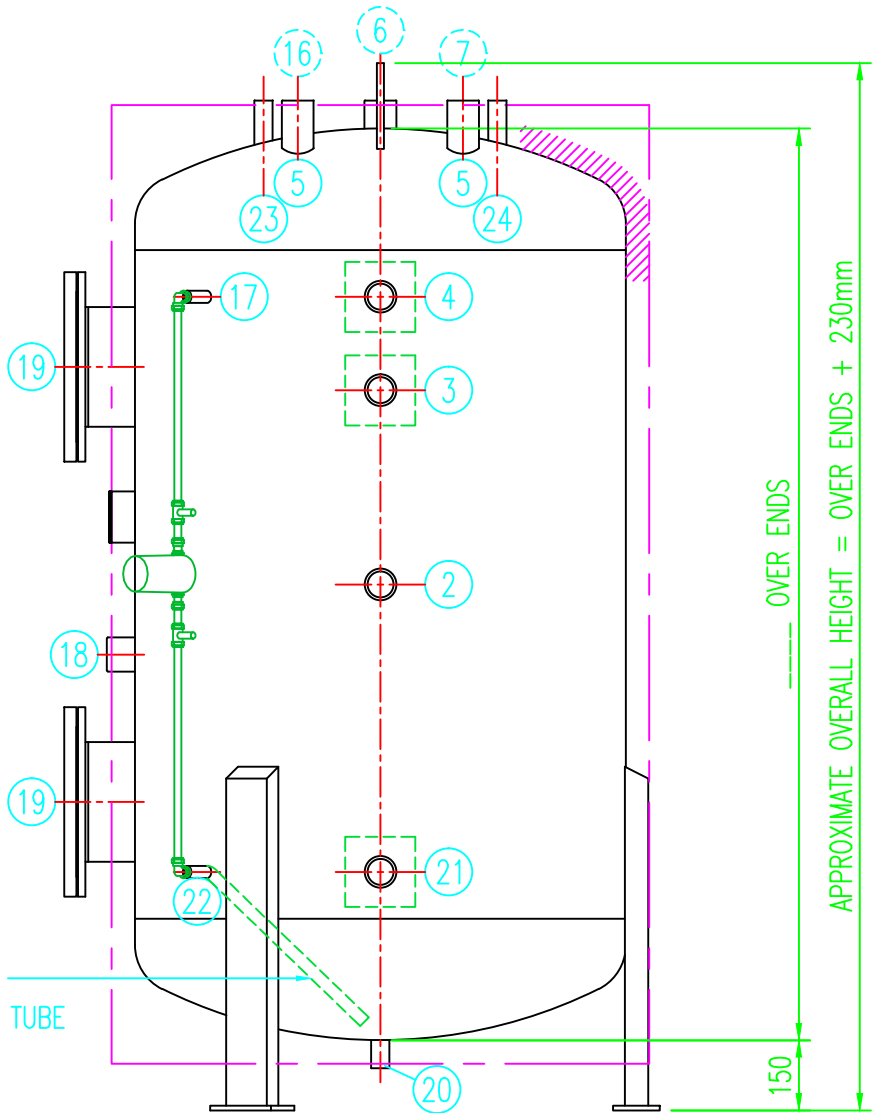
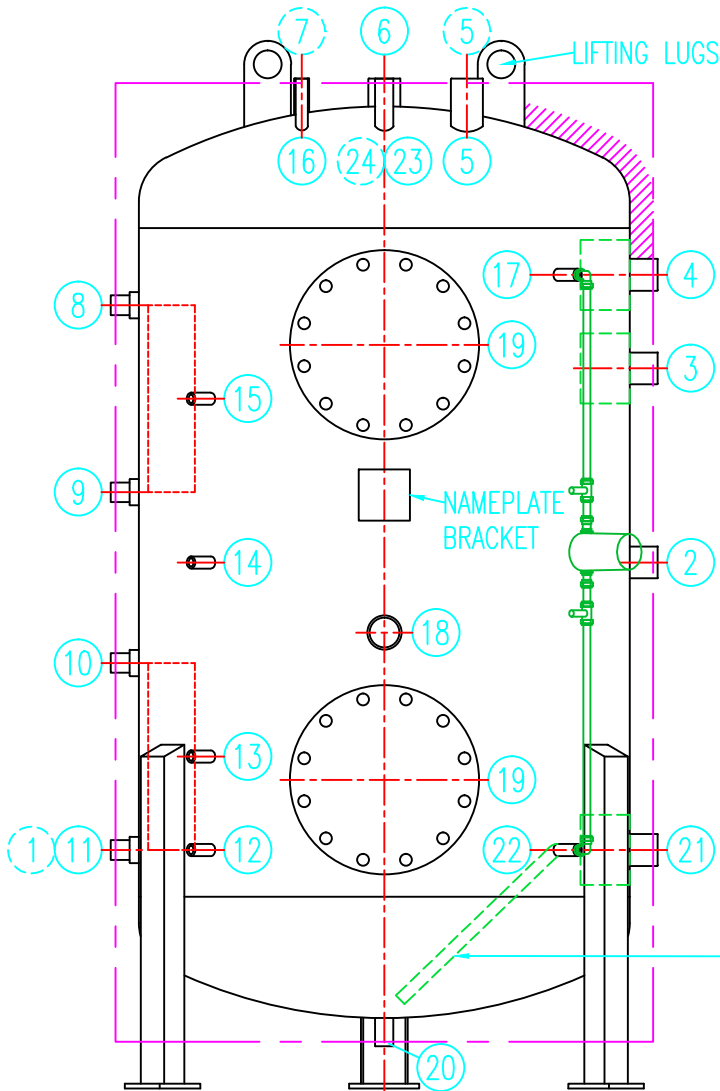
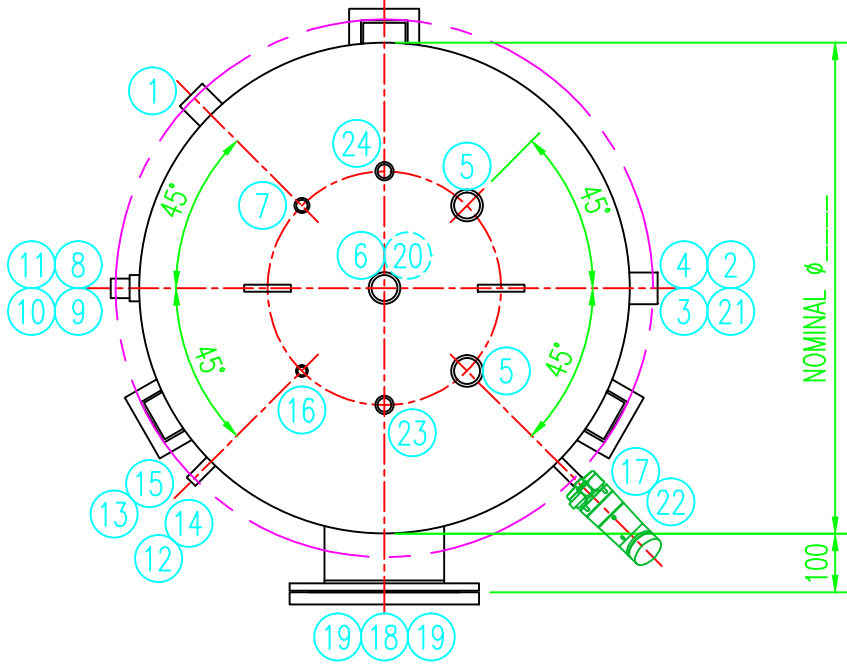
DE-STRATIFICATION PUMP SET COMPRISING. SHUNT PUMP, 2 OFF ISOLATING VALVES & INTERCONNECTION COPPER PIPEWORK. C/W 24 HOUR BUILT IN TIMER (MAY BE SUPPLIED LOOSE FOR SAFE TRANSIT)

C) OPTIONAL EXTRA ☐

EXTRA SCREWED CONNECTIONS

D) OPTIONAL EXTRA ☐

COIL MATERIAL: STAINLESS STEEL 316L



DESIGN DETAILS

	PRIMARY SIDE SIDE 1 (TUBES)	SECONDARY SIDE SIDE 2 (SHELL)
Max Working Pressure	5.00 BarG	5.00 BarG
Design Pressure	0 TO 6.00 BarG	0 TO 6.00 BarG
Test Pressure	8.60 BarG	8.60 BarG
Design Temperature	1 TO 99 °C	1 TO 99 °C
Secondary Temp's	10/60°C	
Primary Temp's	80/60°C	
Bottom Coil Design Duty	___kW	
Top Coil Duty/Design Duty (For Twin Coil Units Only)	___kW	
Max Vessel kW Input*	___kW	

* THIS WILL BE THE COMBINED INPUT FROM ALL HEAT SOURCES
[SOLAR COIL(s) AND WHERE APPLICABLE; LTHW COIL, PHE(s), IMMERSION HEATER(s)]

Weight (Dry / Wet) *** Kg / *** Kg

O&M Reference No. OM***

Nameplate Drawing No. *****-NP

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STOKVIS
ENERGY SYSTEMS

THIRD ANGLE PROJECTION

96 R Walton Road, East Molesey, Surrey, KT8 ODL, Tel. 020 8783 3050, Fax. 020 8783 3051

TITLE: SS___ - ___ LITRE INDIRECT CYLINDER (STANDARD LAYOUT)

SOLAR SCHEMATIC ___

MATERIAL: 316L STAINLESS STEEL Q'TY: ___

SCALE: NOT TO SCALE UNITS: mm UNLESS STATED OTHERWISE

DRAWN BY: N.BENNETT DATE: 25/06/2012

CHECKED BY: DATE:

APPROVED BY: DATE:

DRAWING No. 0****-*-GA REV: 0

CONTRACT: G0****

REVISIONS

0	INITIAL DRAWING	25/06/12	NB			
REV	DESCRIPTION	DATE	BY	CKD	APP	DATE