



HEAT PUMPS - 1 & 2

1. MAKE	
2. MODEL	
3. HEATING CAPACITY	765 kW (192 TR)
4. CWP/HW FLOW US GPM	590 GPM (37.15 LPS)
5. CWP PRESSURE DROP	3.98 M (92.2 KPA)
6. COOLING CAPACITY	155 TR
7. CWP WATER FLOW US GPM (26.0 LPS)	
8. CWP PRESSURE DROP	52.6 M (25.3 KPA)
9. POWER CONSUMPTION	235 KW

EQUIPMENT LIST

SR. NO./TAG NO./QTY.	DESCRIPTION	SIZE/CAPACITY
1	BR-201	6,000 GPM
2	BR-202	6,000 GPM
3	BR-203	6,000 GPM
4	BR-204	6,000 GPM
5	BR-210	6,000 GPM
6	BR-212	6,000 GPM
7	BR-214	6,000 GPM
8	BR-216	6,000 GPM
9	BR-218	6,000 GPM
10	BR-220	6,000 GPM
11	BR-222	6,000 GPM
12	BR-224	6,000 GPM
13	BR-226	6,000 GPM
14	BR-228	6,000 GPM
15	BR-230	6,000 GPM
16	BR-232	6,000 GPM
17	BR-234	6,000 GPM
18	BR-236	6,000 GPM
19	BR-238	6,000 GPM
20	BR-240	6,000 GPM
21	BR-242	6,000 GPM
22	BR-244	6,000 GPM
23	BR-246	6,000 GPM
24	BR-248	6,000 GPM
25	BR-250	6,000 GPM

LEGENDS

INSULATION	INSULATION
AIR VENT	AIR VENT
CONTROL GUIDE	CONTROL GUIDE
SOFT WATER RETURN	SOFT WATER RETURN
PRIMARY HOT WATER	PRIMARY HOT WATER
SECONDARY HOT WATER	SECONDARY HOT WATER
COLD WATER	COLD WATER
MAKE-UP WATER	MAKE-UP WATER
HIGH PRESSURE DIBBLE	HIGH PRESSURE DIBBLE
CARBON STEEL WAREHOUSE	CARBON STEEL WAREHOUSE
CEMENTED	CEMENTED
POLY VINYL CHLORIDE	POLY VINYL CHLORIDE
SAFETY VALVE	SAFETY VALVE
TEMPERATURE INDICATOR	TEMPERATURE INDICATOR
CWP CONTROLLER	CWP CONTROLLER
FLAT VALVE	FLAT VALVE
PUMP	PUMP
PIPING	PIPING
PIPING SIZE	PIPING SIZE
PIPING SERVICE	PIPING SERVICE
PIPING MATERIAL	PIPING MATERIAL
PIPING THICKNESS	PIPING THICKNESS
PIPING SERVICE	PIPING SERVICE

HABITAT ARCHITECTS
 1777, MANABAI NAGAR
 LDI, PH-018-3406327
 TEL: 0161-2412009

SERVICES CONSULTANTS
NARINDER SINGH
 CONSULTING ENGINEERS
 G-128, NARAINA VIHAR
 NEW DELHI-110028
 TEL:-2679414
 E-MAIL: nsvsconsulting@yahoo.com

PROJECT
 GURU RANDAS LANGGAR
 HALL, SRI HARMANDIR SAHR,
 AMRITSAR

TITLE
 HOT WATER SYSTEM
 SCHEMATIC DIAGRAM

SCALE DATE DESIGN DRAWN
 N.T.S 14.4.10 N. SINGH VKASHI
 D.W.G NO. REV. REV. DATE CHECKED
 HNS-2 0 0 N. SINGH
 FOR-TEENDER