



Thermostat Label _____ Zone Name _____

Network Address (Bus:Unit) _____ Heat Schedule No. _____ Master or Member _____

Model No. 543 - 2H _____ Cool Group No. _____

Connected to Zone Manager / Zone _____

Auxiliary Sensors	S1	S2
tekmar Model No.		
Location		

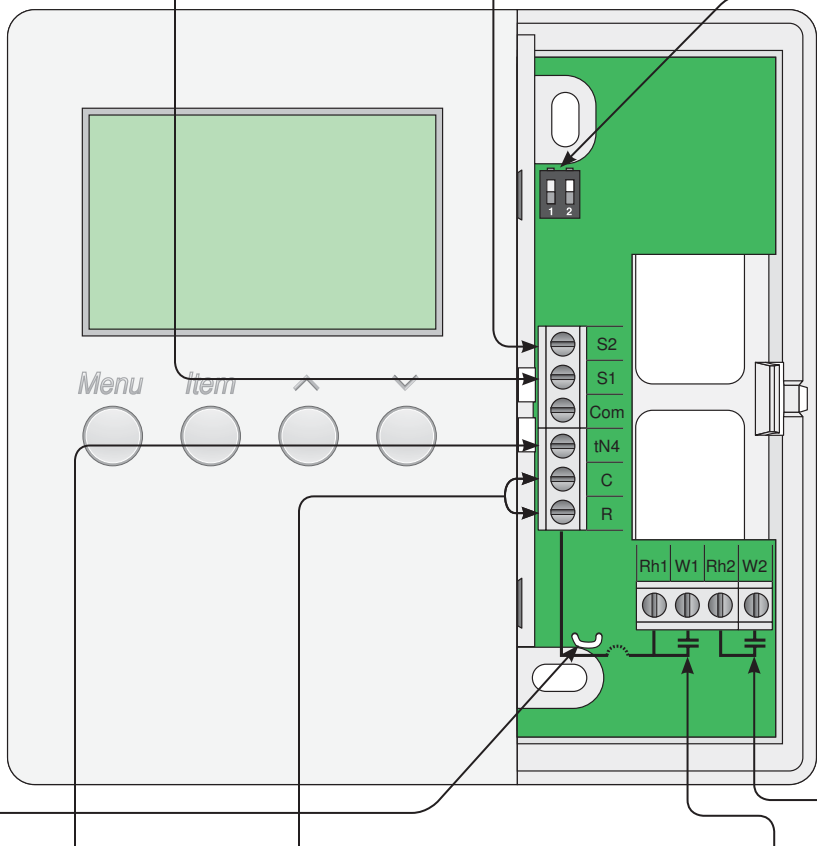
Dip Switch Settings
(circle/ fill-in the correct setting)

Lock None
Unlock tN4 System Control

Factory installed Jumpers R-Rh1 and Rh2 (terminals 6 to 7 & 9)

To isolate Rh1-W1 contact, cut Jumper J1 and provide separate power supply to Rh1 (terminal 7)

To isolate Rh2-W2 contact, cut Jumper J2 and provide separate power supply to Rh2 (terminal 9)



Wiring Colors:

R	Red
C	Black
tN4	Blue
Rh1	(Jumper)
W1	White
Rh2	(Jumper)
W2	Brown
S1	White
S2	White
Com	Black x 2

Communication / Power	tN4	24 Volt (C, R)	Relays	Heat 1 (Rh1-W1)	Heat 2 (Rh2-W2)
Source			Source		
Location			Location		

Adjust Menu Settings:

Item	Setting
MODE OF OPERATION	
SET HEAT	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
→ AWAY	
FLOOR MINIMUM	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
FLOOR MAXIMUM	
SENSOR 1	
SENSOR 2	

Item	Setting
ROOM SENSOR	
HEAT CYCLES PER HOUR	
HEAT 1 TERMINAL	
HEAT 1 PUMP	
HEAT 1 DELAY	
HEAT 2 TERMINAL	
HEAT 2 SOURCE	
HEAT 2 PUMP	
HEAT 2 DELAY	
COOL GROUP MEMBER	
WARM WEATHER SHUT DOWN	
WWSD OCCUPIED AND WAKE	
WWSD UNOCCUPIED AND SLEEP	
OPTIMUM START / STOP	

Time Menu Settings:

Item	Setting
MODE	

Scene Menu Settings:

Item	Setting
AWAY HOLD	
SET PERMANENT 1	
SET PERMANENT 4	
SET PERMANENT 5	

Item	Setting
SET TEMPORARY 7	
SET TEMPORARY 8	
TEMPORARY ZONE HOLD	
SCENE MENU	

Schedule Menu Settings:

Item	Setting
HEAT SCHEDULE	
SCHEDULE TYPE	
SCHEDULE MODE	
ALL DAYS OF THE WEEK:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
MONDAY THROUGH FRIDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
SATURDAY AND SUNDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
SATURDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
SUNDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	

Item	Setting
MONDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
TUESDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
WEDNESDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
THURSDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	
FRIDAY:	
→ WAKE	
→ UNOCCUPIED	
→ OCCUPIED	
→ SLEEP	

Miscellaneous Menu Settings:

Item	Setting
ACCESS LEVEL	
UNITS	
BACKLIGHT	
OFFSET	

Item	Setting
COPY SETTINGS	
NUMBER OF DEVICES	
ADDRESS	
TYPE (SOFTWARE)	

Notes:

Blank job records can be downloaded from the tekmar website at <http://www.tekmarcontrols.com>



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