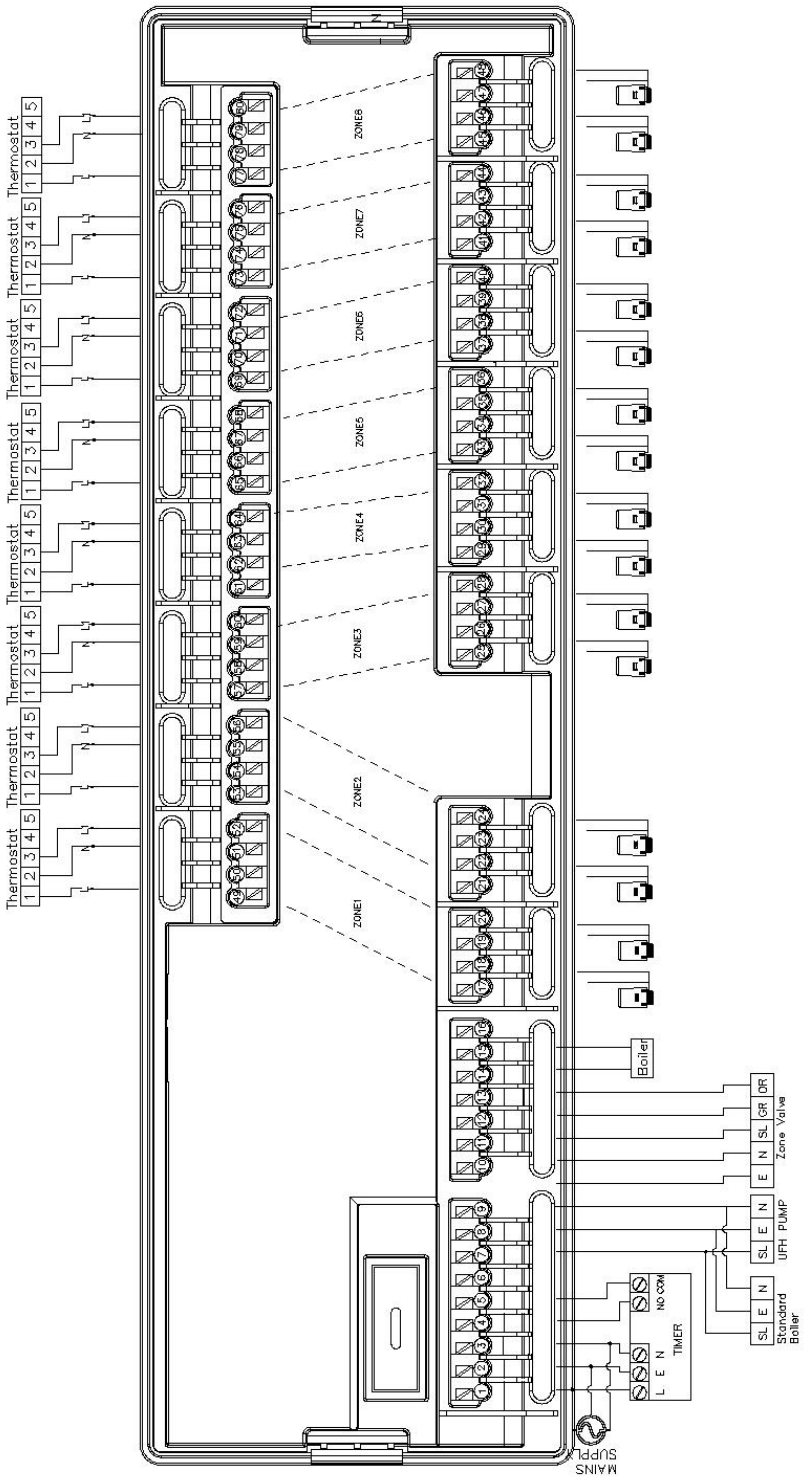
HY520 WATERLINE HEATING SYSTEM

The HY520 is used to provide a temprtature control system for room heating,integrating the switching of primary heating sources with the control of water temperature and mixing devices.This ensures the best possible comfort conditions and also reduces energy consumption.

SYSTEM INTRODUCTION



SPECIFICATION

Power source：100~240VAC 50/60Hz
Imax total：5A
Operation temperature：-20℃~60℃
Storage temperature：-20℃~70℃
Dimensions：320mm X 95mmX38mm
Color：White

FEATURE

- Each master controller can control a maximum of 8 rooms / zones.
- The master contains outputs for the switching of thermal actuators, boilersand valves.
- Indicator lights show the status of the outputs.

IMPORTANT SAFETY INFORMATION

- Always tum off power at the main power source by unscrewing fuse or switching circuit breaker to the off position before installing, removing, cleaning, or servicing this thermostat
- Read all of the information in this manual before installing this thermostat.
- Only a professional contractor should install this thermostat.
- AII wiring must conform to local and national building and electrical codes and ordinances.
- If system is not operating properly, check wiring and replace fuse if necessary.
- Use this thermostat only as described in this manual.

KEYBOARD AND SWITCH DESCRIOPTION

Output indication:

1. WIRING:

MAINS SUPPLY:Power supply 100~240VAC 50/60Hz 10A
TIMER:Input Imax 10A 250VAC
ZONE1-8:Room thermostat sub unit or Actuator sub unit
L:Line Voltage
N:Neutral Voltage
L1:Line Voltage or Load
PE:Power Earth
Valve:Imax 3(2)A output
BOIL ER;passive output for boiler Imax 2(1)A 250VAC OUTPUT

2. LED



1) Power indicator when power input, the white indicator lit up.



2)

When 1# to 8# rooms /zones control indicate output, the white indicator lit up.



(3) Signal indicator:

When water radiant boilerstart work.the green indicator lit up.

- When the 8 room channel lights of output stop all, any room channel light restart the output, boiler will be delay output 3 to 5 minutes.

INSTALLTION

