

## Job Record

The Job Record is used to document the control settings for future reference and troubleshooting.

Job Site Location \_\_\_\_\_

Control Location \_\_\_\_\_

# Smart Boiler Control 294

## Units

Item	Setting
TEMPERATURE	

Item	Setting
PRESSURE	

## Date and Time

Item	Setting
24-HOUR TIME	
SET AUTOMATICALLY	
TIME ZONE	

Item	Setting
DAYLIGHT SAVINGS	
WARM WEATHER SHUT DOWN	

## Internet

Item	Setting
CONNECTION TYPE	
WI-FI NETWORK	
WI-FI SECURITY TYPE	
WI-FI USER	
IP CONFIGURATION	
IP ADDRESS	

Item	Setting
SUBNET MASK	
ROUTER	
DNS 1	
DNS 2	

### Heating Calls > Central Heating

Item	Setting
CENTRAL HEATING	
ROOM OCCUPIED	
ROOM UNOCCUPIED	
TERMINAL UNIT	
BOILER START TEMPERATURE	
OUTDOOR START TEMPERATURE	

Item	Setting
OUTDOOR DESIGN TEMPERATURE	
BOILER DESIGN TEMPERATURE	
WARM WEATHER SHUT DOWN	
WARM WEATHER SHUT DOWN OCCUPIED	
WARM WEATHER SHUT DOWN UNOCCUPIED	

### Heating Calls > Domestic Hot Water

Item	Setting
DHW	
DHW TYPE	
DHW SENSOR	
DHW TANK OCCUPIED	
DHW TANK UNOCCUPIED	
DHW TANK DIFFERENTIAL	
DHW EXCHANGE OCCUPIED	

Item	Setting
DHW EXCHANGE UNOCCUPIED	
INDIRECT DHW PRIORITY	
INDIRECT DHW PRIORITY OVERRIDE	
INDIRECT DHW SYSTEM PUMP	
INDIRECT DHW BOILER LIMITING	

### Heating Calls > Constant Setpoint

Item	Setting
CONSTANT SETPOINT	
CONSTANT SETPOINT OCCUPIED	

Item	Setting
CONSTANT SETPOINT UNOCCUPIED	
CONSTANT SETPOINT SYSTEM PUMP	

### Heating Calls > Remote Setpoint

Item	Setting
REMOTE SETPOINT	
INPUT EMS SIGNAL	

Item	Setting
INPUT EMS OFFSET	

## Boilers

Item	Boiler 1	Boiler 2	Boiler 3	Boiler 4
BOILER AVAILABLE				
BOILER MANUFACTURER				
BOILER SERIES				
BOILER MODEL				
BOILER FUEL				
BOILER TYPE				
BOILER GROUP				
BOILER MASS				
FIRE DELAY				
BOILER HIGH OUTPUT				
MODULATION TYPE				
BOILER LOW OUTPUT				
MODULATION DELAY				
MODULATION MOTOR SPEED				
START MODULATION				
MINIMUM MODULATION				
MAXIMUM MODULATION				
OUTPUT EMS SIGNAL MINIMUM				
EMS TEMPERATURE MINIMUM				
EMS TEMPERATURE MAXIMUM				
POST PURGE				

## Boilers

Item	Boiler 5	Boiler 6	Boiler 7	Boiler 8
BOILER AVAILABLE				
BOILER MANUFACTURER				
BOILER SERIES				
BOILER MODEL				
BOILER FUEL				
BOILER TYPE				
BOILER GROUP				
BOILER MASS				
FIRE DELAY				
BOILER HIGH OUTPUT				
MODULATION TYPE				
BOILER LOW OUTPUT				
MODULATION DELAY				
MODULATION MOTOR SPEED				
START MODULATION				
MINIMUM MODULATION				
MAXIMUM MODULATION				
OUTPUT EMS SIGNAL MINIMUM				
EMS TEMPERATURE MINIMUM				
EMS TEMPERATURE MAXIMUM				
POST PURGE				

## Boilers

Item	Boiler 9	Boiler 10	Boiler 11	Boiler 12
BOILER AVAILABLE				
BOILER MANUFACTURER				
BOILER SERIES				
BOILER MODEL				
BOILER FUEL				
BOILER TYPE				
BOILER GROUP				
BOILER MASS				
FIRE DELAY				
BOILER HIGH OUTPUT				
MODULATION TYPE				
BOILER LOW OUTPUT				
MODULATION DELAY				
MODULATION MOTOR SPEED				
START MODULATION				
MINIMUM MODULATION				
MAXIMUM MODULATION				
OUTPUT EMS SIGNAL MINIMUM				
EMS TEMPERATURE MINIMUM				
EMS TEMPERATURE MAXIMUM				
POST PURGE				

## Boilers

Item	Boiler 13	Boiler 14	Boiler 15	Boiler 16
BOILER AVAILABLE				
BOILER MANUFACTURER				
BOILER SERIES				
BOILER MODEL				
BOILER FUEL				
BOILER TYPE				
BOILER GROUP				
BOILER MASS				
FIRE DELAY				
BOILER HIGH OUTPUT				
MODULATION TYPE				
BOILER LOW OUTPUT				
MODULATION DELAY				
MODULATION MOTOR SPEED				
START MODULATION				
MINIMUM MODULATION				
MAXIMUM MODULATION				
OUTPUT EMS SIGNAL MINIMUM				
EMS TEMPERATURE MINIMUM				
EMS TEMPERATURE MAXIMUM				
POST PURGE				

## System

Item	Setting
BOILER MINIMUM	
BOILER MAXIMUM	
STAGING	
PID AUTO DIFFERENTIAL	
PID MANUAL BOILER DIFFERENTIAL	
PID AUTOMATIC STAGE DELAY	
PID MANUAL STAGE DELAY	
PROPORTIONAL INTERSTAGE DIFFERENTIAL	
PROPORTIONAL INTERSTAGE ON DELAY	
PROPORTIONAL INTERSTAGE OFF DELAY	
MINIMUM STAGE RUN TIME	
MINIMUM STAGE OFF TIME	

Item	Setting
CONDENSING GROUP SEQUENCING	
NON-CONDENSING GROUP SEQUENCING	
CONDENSING GROUP ROTATION	
NON-CONDENSING GROUP ROTATION	
FIXED LEAD	
FIXED LEAD TYPE	
FIXED LAST	
COMBUSTION AIR DELAY	
VARIABLE PRIMARY FLOW	
OUTDOOR SENSOR	
PRESSURE SENSOR	
EXERCISING	
BOILER MODBUS	

## Schedule

Item	OCCUPIED 1	UNOCCUPIED 1	OCCUPIED 2	UNOCCUPIED 2
MONDAY				
TUESDAY				
WEDNESDAY				
THURSDAY				
FRIDAY				
SATURDAY				
SUNDAY				

## Alerts

Item	Setting
HIGH BOILER TEMPERATURE ALERT	
LOW BOILER TEMPERATURE ALERT	
BOILER PLANT NO HEAT ALERT	
HIGH PRESSURE ALERT	
LOW PRESSURE ALERT	
BOILER 1 SERVICE HOURS ALERT	
BOILER 1 SERVICE CYCLES ALERT	
BOILER 2 SERVICE HOURS ALERT	
BOILER 2 SERVICE CYCLES ALERT	
BOILER 3 SERVICE HOURS ALERT	
BOILER 3 SERVICE CYCLES ALERT	
BOILER 4 SERVICE HOURS ALERT	
BOILER 4 SERVICE CYCLES ALERT	
BOILER 5 SERVICE HOURS ALERT	
BOILER 5 SERVICE CYCLES ALERT	
BOILER 6 SERVICE HOURS ALERT	
BOILER 6 SERVICE CYCLES ALERT	
BOILER 7 SERVICE HOURS ALERT	

Item	Setting
BOILER 7 SERVICE CYCLES ALERT	
BOILER 8 SERVICE HOURS ALERT	
BOILER 8 SERVICE CYCLES ALERT	
BOILER 9 SERVICE HOURS ALERT	
BOILER 9 SERVICE CYCLES ALERT	
BOILER 10 SERVICE HOURS ALERT	
BOILER 10 SERVICE CYCLES ALERT	
BOILER 11 SERVICE HOURS ALERT	
BOILER 11 SERVICE CYCLES ALERT	
BOILER 12 SERVICE HOURS ALERT	
BOILER 12 SERVICE CYCLES ALERT	
BOILER 13 SERVICE HOURS ALERT	
BOILER 13 SERVICE CYCLES ALERT	
BOILER 14 SERVICE HOURS ALERT	
BOILER 14 SERVICE CYCLES ALERT	
BOILER 15 SERVICE HOURS ALERT	
BOILER 15 SERVICE CYCLES ALERT	
BOILER 16 SERVICE HOURS ALERT	
BOILER 16 SERVICE CYCLES ALERT	

## Security

Item	Setting
REQUIRE PASSCODE	

Item	Setting
PASSCODE	



A **WATTS** Brand