



ORC-0100

The HBX Outdoor Reset Control regulates the temperature of the boiler based on the outdoor temperature; increasing water-temperatures as the outdoor temperature drops, and decreasing water-temperatures in milder weather.

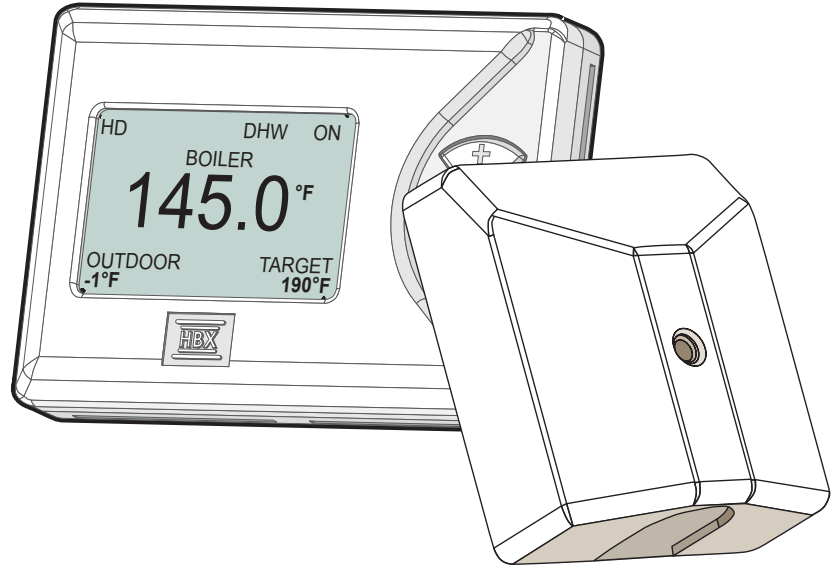
Benefits

- Reduces fuel Usage - Up to 15%
- Stable indoor Temperature
- Reduces Thermal Shock
- Constant water circulation
- Reduced piping expansion noise

Features

- User friendly programming features
- WWSD Feature
- Backlit visual graphic display
- DHW Priority

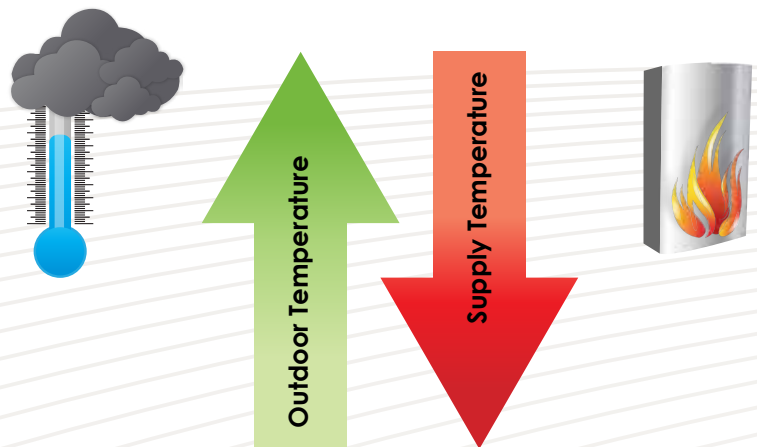
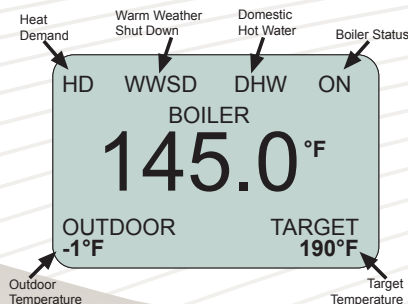
OUTDOOR RESET CONTROL



Principles of outdoor reset control

Outdoor reset is a boiler water temperature control scheme that uses outdoor temperature to establish the required temperature of the boiler loop needed to keep the building at the desired temperature. It takes advantage of the relationship that exists between outdoor temperature and building heat loss. Outdoor reset can reduce the operating cost of a boiler system by allowing lower boiler water temperatures during the milder months of the heating season.

BOILER ADJUSTMENTS	
1) MAX BOILER	190°F
2) MIN BOILER	120°F
3) OUT DESIGN	-10°F
4) DIFF	10°F
5) WWSD	72°F
6) DHW PRTY	OFF



As the outdoor temperature rises, the supply temperature drops.

Contact Information

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