

Checklist 5.6 Heat Recovery		
Inspection Task	Rec. Corrective Actions	Frequency
1. Check for scaling, erosion, corrosion, algae or slime in heat recovery loop.	Treat the water as required.	Semi-annual
2. Check the water tube for scaling.	Clean water tube using mild scale removing compound following the de-scaler manufacturer's instructions.	Semi-annual
3. Check inlet and outlet piping for freeze protection measures.	Install heat tape or add freeze inhibit fluid to the partial heat recovery water loop as needed.	Semi-annual
4. Inspect anodes.	Replace as needed.	Every three years
Flat Plate Heat Exchangers		
5. Check the pressure drop across the heat exchanger on the refrigerant side.	Replace heat exchanger when pressure drop is 10 psi greater than baseline.	Semi-annual
6. Check the function of the check valve in the heat reclaim return line to ensure no backflow through the heat reclaim coil when heat reclaim is not required.	Repair or replace as necessary.	Annually
7. Check the operation of the temperature sensor driving the heat reclaim valve (three way or motorized ball valve).	Repair or replace as necessary.	Annually
8. Check the operation of the heat reclaim valve (three way or motorized ball valve).	Repair or replace as necessary.	Annually
9. Check the water/glycol pumps on the secondary side for operation and proper flow.	Repair or replace as necessary.	Per OEM instructions
10. Check to see that the bypass switch is not initiated.	Repair as necessary.	Quarterly