



## Maintenance Requirements for York ParaFlow™ Absorption Units (Direct-Fired Machines)

Procedure	Daily	Weekly	Monthly	Cooling Season	Yearly	Every ____* Hours
Record operating pressures and temperatures and concentrations	X					
Record liquid sight glass levels	X					
Record purge frequency	X					
Record purge tank pressure and purge only as necessary. Trend purge tank pressure differences (not required on units equipped with Smart-Purge™).	X					
Visually inspect burner valves, linkages, and components	X					
Record gas or oil pressure to burner	X					
Check refrigerant specific gravity and blow down refrigerant as needed		X				
Performance test vacuum pump. Replace oil and/or flush pump as required.			X			
Check vacuum pump belt tension. Replace if worn.			X			
Record stack temperature, %O <sub>2</sub> , %CO <sub>2</sub> , %CO, and %NO <sub>x</sub> as required			X			
Take solution sample and send to lab for analysis. Add inhibitors as needed. (see note 2)				Twice Minimum		
Open and inspect purge tank solenoid valve. Clean or replace as necessary (units equipped with Smart-Purge™ only).					X	
Check level of the unit					X	
Calibrate safety controls					X	
Check pilot flame signal and adjust pilot as required					X	
Leak test machine (see note 1)						As Required

For operating and maintenance requirements listed above, refer to appropriate service literature or contact your local YORK service office.

### Notes:

1. Leak test machine as needed. Leak testing is required only when non-condensable production is elevated and the system chemistry is adequate.
2. Minimum twice each cooling season--once at start-up and once in the middle. A third sample should be taken two weeks prior to changing over to heating operation (chiller heaters only).

\* The column "Every \_\_\_\_ Hours" is reserved for any special site determined requirements.