

# MODINE STARTUP SERVICE

## Maximize Equipment Performance and Reliability with Modine Factory Startup

### Startup Service to Maximize ROI

Whether replacing existing equipment or a new installation, the purchase and installation is only the first step. Proper equipment start-up assures that the equipment is installed correctly and is operating properly to provide peak performance and protect your investment.

Owners can gain peace of mind by choosing Factory Startup Service. Performed by factory-trained technicians with equipment expertise, the following are some of the ways the investment is protected:

- Ensure equipment operates properly for peak performance
- Ensure equipment operates reliably to minimize downtime
- Assure occupant and owner satisfaction

### Included with Startup Service

- Pre-startup inspection to validate the unit installation, utility connections, and proper clearances are available.
- Commissioning to verify the unit, options, and accessories are functioning properly, controls are sequencing correctly, and all operating pressures, voltage, and amperages are recorded.
- Factory startup qualifies units for labor warranty (purchased separately).

For a full list of all that is included in Startup Service, see the back page.





Direct and Indirect  
Make-up Air Systems



Classmate, Schoolmate and  
Sentinel Units



Horizontal Unit  
Ventilators

### Included in Startup Service

- Inspection to ensure there is no shipping or installation damage
- Verify all clearances meet manufacturer's specs
- Check all mechanical and electrical connections
- Validate all duct and other connections to the unit are properly sealed
- Ensure proper operation of all unit controls and sequence of operation
- Validate that utilities are sufficient for proper operation (incoming volts, amps and gas pressures)
- Validate options and accessories are operating correctly
- Ensure proper operations of all motors (direction and amp draws), motor starter or VFD
- Check and adjust belt tension (and alignment)
- Validate all linkages are operational and secure (and free of any obstructions)
- Ensure proper operations of all actuators
- Support questions of integration of the equipment by the controls engineer
- Validate the heating section is operating correctly: amp draws, gas pressures and temperatures
- Validate the cooling section is operating correctly: check and record all operating pressures (weather permitting)
- Validate the energy recovery module is operating correctly (record all operating amperages, voltages and temperatures and rotation)
- Check Hot Gas Reheat operation, record all operating pressures and temperatures (if applicable)
- Check DX condensate drain is trapped correctly and primed (weather permitting)
- Check 90%+ condensing heat option (if applicable) to ensure condensate drain line is trapped correctly and primed

### Choose a Maintenance Contract to Suit You

- In addition to startup services, Modine offers additional preventative maintenance services for all of your HVAC needs
- Tailored to Modine equipment
- Includes up to four maintenance visits per year
- Full discount available on any genuine Modine parts

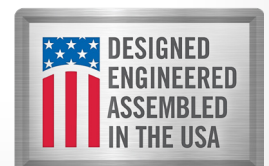
### Genuine Modine Parts and Service

With a US base and wide national supplier network, genuine parts are available for both Modine and Airedale by Modine products at competitive prices. We offer fast, efficient service with parts delivered direct to your site, when you need them.



To learn more, visit  
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