



May 2, 2018

Modine Provides Spring Maintenance Checklist for HVAC Equipment

Cutting-edge HVAC manufacturer offers extensive checklist for contractors, facility managers and commercial property owners this spring

RACINE, Wis., May 2, 2018 /PRNewswire/ -- [Modine Manufacturing Company](http://www.modinehvac.com) (NYSE: MOD), a leader in technology in the HVAC industry, has released a commercial HVAC maintenance checklist to help commercial property owners, facility managers and contractors keep their equipment running smooth this summer.



75-905 | May 2018

SPRING MAINTENANCE SUGGESTIONS FOR HVAC EQUIPMENT

1) CHECK OR CHANGE FILTERS

What you are looking for: Visually restricted or plugged filters.

How to correct potential issues found: Replace all with equivalent – twice a year on spring and fall startups or as needed.

Possible consequences of neglect: High/low voltage current or amp draws on supply fan motors and contactors result in premature component failure. Poor or no airflow, low suction pressure, low superheat, frosting/icing of evaporator coils and/or slugging of liquid refrigerant back to compressor result in premature mechanical failure of internal moving compressor parts. Unsatisfactory/uncomfortable space conditions and unreliable equipment.

2) CHECK OR CHANGE BELTS

What you are looking for: Belts that are out of adjustment, worn, cracked – there should only be a half inch of belt deflection on the driven side or enough tension so the belt does not slip on startup of associated motor.

How to correct potential issues found: Inspect, adjust or replace as needed. An inspection at least twice a year can help extend belt life. A properly adjusted/greased belt can last up to a year or more.

Possible consequences of neglect: Poor or no air flow, frosting/icing of evaporator coils, slugging of liquid refrigerant back to compressor result in premature mechanical failure of internal moving compressor parts. Unsatisfactory/uncomfortable space conditions and unreliable equipment.

3) VERIFY ALL ELECTRICAL CONNECTIONS ARE TIGHT

What you are looking for: Loose connections at termination, or distributor/junction block of electrical components.

How to correct potential issues found: Physically verify twice a year with the appropriate tool that all mechanical termination points are tight and secure. Refer to torque specs if applicable. This would include lugged/bored terminals as well as "stab-on" electrical wire terminals.

Possible consequences of neglect: Excessive component amp draw, single phasing of three-phase components/motors can result in premature component failure. Unsatisfactory/uncomfortable space conditions and unreliable equipment.

4) LOOK OVER ALL ELECTRICAL COMPONENTS TO ENSURE THEY ARE NOT SHOWING ANY SIGNS OF WEAR

What you are looking for: Discoloration at wire terminations/connections, and pitted or frayed contacts of electrical components.

How to correct potential issues found: Physically verify twice a year with the appropriate tool that all mechanical termination points are tight and secure. Refer to torque specs if applicable. This would include lugged/bored terminals as well as "stab-on" electrical wire terminals. Replace all components that are questionable.

Possible consequences of neglect: Excessive component amp draw, single phasing of three-phase components/motors will result in premature component failure. Unsatisfactory/uncomfortable space conditions and unreliable equipment.

The two page document, available at <https://www.modinehvac.com/web/resource-center/is-manuals.htm>, covers general spring maintenance, including what to look for, how to correct any potential issues, and the possible consequences of neglect, for:

- | Filters
- | Belts
- | Electrical connections and components
- | Coils
- | Drains and drain pans

"In addition to adding extensive longevity to the life of the unit, regular maintenance is key to keeping your HVAC equipment operating reliably and at peak efficiency," said Shawn Kasuboski, technical services manager for Modine. "This checklist gives everyone, from the property owner to the contractor working on the HVAC equipment, handy tips to ensure their system is in top shape. Following these tips now can greatly reduce the risk of breakdown during extreme weather conditions when the unit is most needed, and when repairs are most costly."

To download the checklist, visit <https://www.modinehvac.com/web/resource-center/is-manuals.htm>.

For more information about Modine's HVAC solutions or to find your local distributor, visit <http://www.modinehvac.com>.

About Modine

Modine, with fiscal 2017 revenues of \$1.5 billion, specializes in thermal management systems and components, bringing highly engineered heating and cooling components, original equipment products, and systems to diversified global markets through its three complementary business units: Vehicular Thermal Solutions (VTS); Commercial & Industrial Solutions (CIS); and Building HVAC Systems (BHVC). Modine is a global company headquartered in Racine, Wisconsin (USA), with operations in North America, South America, Europe, Asia and Africa. For more information about Modine, visit www.modine.com.

Media Contact:
Heather Ripley
(865) 977-1973
hripley@ripleypr.com

View original content with multimedia: <http://www.prnewswire.com/news-releases/modine-provides-spring-maintenance-checklist-for-hvac-equipment-300640669.html>

SOURCE Modine Manufacturing Company

News Provided by Acquire Media