# Installation Checklist

Lanco' vertical fan coils can give trouble-free operation and long service. The reliable operation and long service life of this equipment can be improved with proper installation, operation and regular maintenance.

The equipment is initially protected under Lanco' Limited Express Warranty. Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely Lanco's opinion or commendation of its products. Lanco' Limited Express Warranty requires, among other things, that the steps outlined in the Installation, Operation, and Maintenance Instructions Manual be followed in detail. A complete coy of Lanco's Limited Express Warranty and Installation, Operation, and and Maintenance Instructions may be obtined by calling Lanco's Customer Service Department at 909-825-0993 should any questions or concerns arise please contact Lanco before attempting any installation, operation or service of the equipment.

| Receiving & Inspection | √ |
|---|---|
| 1 Unit Received Undamaged | |
| 2 Unit Received Complete As Ordered | |
| 3 Parts Accounted For | |
| 4 Unit Arrangement/Hand Correct | |
| 5 Unit Structural Support Complete & Correct | |

| Handling & Installation | √ |
|---|---|
| 6 Mounting Grommets/Isolators Used | |
| 7 Unit Mounted Level & Square | |
| 8 Proper Access Provided For Unit & Accessories | |
| 9 Proper Electrical Service Provided | |
| 10 Proper Overcurrent Protection Provided | |
| 11 Proper Service Switch/Disconnect Provided | |
| 12 Proper Chilled Water Line Size to Unit | |
| 13 Proper Hot Water Line Size To Unit | |
| 14 Proper Refrigerant Line Sizes To Unit | |
| 15 Proper Steam Line Sizes To Unit | |
| 16 Proper Steam Condensate Trap On Return Line | |
| 17 Proper Steam Supply Pressure To Unit (15 PSI Max) | |
| 18 All Services To Unit In Code Compliance | |
| 19 All Shipping Screws & Brace Removed | |
| 20 Unit Protected From Dirt & Foreign Matter | |
| 21 Filter Is Clean & Free Of Construction Debris | |

| Cooling/Heating Connections | √ |
|---|---|
| 22 Protect Valve Package Components From Heat | |
| 23 Mount/Check Valve Packages | |
| 24 Connect Field Piping To Unit | |
| 25 Pressure Test All Piping For Leaks | |
| 26 Install Drain Line & Traps As Required | |
| 27 Insulate All Piping As Required | |
| 28 Install Drip Lip Under Piping As Required | |
| 29 Expansion Joint For Risers Assembly If Required, Properly Anchored | |
| 30 Drain Line Properly Sloped & Not Clogged | |
| 31 Modulating valve Properly Calibrated | |

| Ductwork Connections | √ |
|---|---|
| 32 Install Ductwork, Fittings & Grilles As Required | |
| 33 Flexible Duct Connections At Unit | |
| 34 Proper Supply and Return Grille Type & Size Used | |
| 35 Control Outside Air For Low/High Limit Protection | |
| 36 Insulate All Ductwork & Dampers As Required | |

| Electrical Connections | √ |
|---|---|
| 37 Refer To Unit Wiring Diagram | |
| 38 Connect Incoming Power Service(s) | |
| 39 Install & Connect Parts | |
| 40 All Field Wiring With Proper Gauge & In Code Compliance | |

| Unit Startup | √ |
|---|---|
| 41 General Visual Unit & System Inspection | |
| 42 Check For Proper Fan Belt Tension | |
| 43 Check For Proper Fan Rotation | |
| 44 Record Electrical Supply Voltage | |
| 45 Record Ambient Temperatures | |
| 46 Check All Wiring For Secure Connections | |
| 47 Close All Unit Isolation Valves | |
| 48 Flush Water Systems | |
| 49 Fill Systems With Water/Refrigerant | |
| 50 Vent Water Systems As Required | |
| 51 All Ductwork & Grilles In Place | |
| 52 All Unit Panels And Filters In Place | |
| 53 Start Fans, Pumps, Chillers, Etc. | |
| 54 Check For Overload Conditions Of All Units | |
| 55 Check All Ductwork & Units For Air Leaks | |
| 56 Balance Air Systems As Required | |
| 57 Record All Final Settings For Future Use | |
| 58 Balance Water Systems As Required | |
| 59 Record All Final Settings For Future Use | |
| 60 Check Piping & Ductwork For Vibration | |
| 61 Check All Dampers For Proper Operation | |
| 62 Verify Proper Cooling Operation | |
| 63 Verify Proper Heating Operation | |
| 64 Reinstall All Covers & Access Panel | |

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