



## **Convector**

### **Installation, Operation and Maintenance**

This document will act as an Installation, Operation and Maintenance Manual for Beacon Morris Hydronic Heating Convectors supplied for export and domestic installations.

#### **ROUGH IN OPENING**

Applicable to recessed and partially recessed convector styles only. Make opening 1/4" larger than ordered height and length. Shim as necessary to ensure liner is square and secure.

#### **INSTALLATION**

Make sure that the convector liners are secured tight to mounting surface. Locate convector coil in coil clips located on each end of liner, providing proper pitch down from supply end if the convector is being used in a two pipe steam system.

Use specified pipe dope or thread sealer tape for threaded connections to the cast bronze headers. **MAKE SURE THAT THE PIPE FITTING GOING INTO THE HEADER IS NOT OVER TIGHTENED.** This may cause the header to split.

Upon installation, make sure that all sweated connections have been flushed with system water to avoid corrosion from left over flux material.

Once coil is connected into the heating system, a standard pressure leak test should be conducted as specified by the Engineer.

After completion of pressure leak test, install convector front onto the convector liner. Make sure that latching screws for access doors (if any) are secured with the door closed. If convector is supplied with optional damper, open and close the damper blade with the knob damper provided to make sure that there is no binding of the blade during operation.

#### **MAINTENANCE**

Before each heating season, remove front panel and inspect coil fins for accumulation of dust or other debris that may block airflow between fins. Remove dust and debris from coil fins. Inspect for leaks. Replace front cover.