

**Date: February 1, 2017**

**Subject: Mounting of Air Compressors and Electrical Panels – Steel Boilers**

**To: Burnham Commercial Sales Representatives**

In an effort to supply you with a more consistent boiler package and to reduce last minute “surprises” regarding burner accessories and boiler package dimensions, Burnham Commercial is announcing some policy changes and clarifications. More specifically, this is in regards to the mounting of air compressor assemblies and electrical panels, as provided by our burner suppliers, for packaged steel boilers. Please consult Burnham for current pricing until the new price book is issued. This Sales Bulletin is effective as of the above date.

#### Air Compressors

- Due to the nature of reciprocating and rotating equipment, the air compressor manufacturers state that the compressors will have the best performance and longevity when they are mounted directly to a suitable concrete pad or floor. For this reason, it's suggested at the beginning of a project that this possibility be suggested and evaluated, or the possibility of using plant air, when available.
- If plant air will be used, Burnham can offer pricing for an optional air pressure regulator.
- Burnham's standard procedure will be to ship the air compressors loose for Burnham or customer supplied burners rather than mount them to the boiler skid. In this case, Burnham can offer pricing for an optional flexible piping connector.
- Burnham will not warranty air compressor issues due to vibration if the Rep directs Burnham to skid mount the compressor.
- Due to the above concerns, Burnham will not skid-mount air compressors with Rep or customer-supplied burners. Please consult Burnham Sales if there are extenuating circumstances involved.
- Quincy DR series air compressors, will always ship loose (due to the size), no exceptions. You will be notified if this is the case.
- If air compressors are to be skid mounted with Burnham-supplied burners, the approximate location and dimensions will be added to the boiler submittal drawings (when submittals are requested). Every effort will be made to properly locate the compressor, however, there are always other unknowns until we get the equipment at our shop to analyze. If a change has to be implemented, we will notify you immediately. This will minimize last minute dimensional concerns.

#### Remote-Mounted Electrical Panels

- Remote-mounted electrical panels refer to those that are not integral to the burner. They are typically mounted to the side of the boiler or shipped loose for wall or free standing mounting. This includes additional equipment such as variable frequency drives, line filters, and disconnect switches. Some of this equipment may come in as loose items (typically the VFD's and line filters) and will require mounting. If it becomes too cumbersome to mount these items, we will notify you.
- When boiler submittals have been requested, Burnham will provide electrical panel location and dimensions on the boiler submittal drawing.

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- For factory mounted, Rep or customer-supplied burners, electrical panel dimensions will be required before the boiler submittal drawings can be provided. At the very latest, dimensions will be required at the time the order is released for production.
- Mounting options will be; on the side of the boiler (right or left side), or shipped loose.
- The Burnham Sales/Engineering team will work with you to determine the best panel location based on boiler size and location of other boiler-mounted piping systems and equipment.
- Skid-mounting electrical panels will no longer be provided due to concerns with available space, heat, interference with front doors, and service clearances.

As always, please contact the Burnham team if you have specific questions or concerns.