A summary of connection types used by BAC follows. The specific connection type for a particular BAC model can be found on the unit print drawing, available on www.BaltimoreAircoil.com, or contact your local BAC Representative.

› **Beveled for Welding (BFW)**

This connection type is a pipe stub with a beveled edge. The bevel allows for easier welding in the field and a full penetration weld. Weld materials fill the trimmed area between two beveled edges as shown here (Figure 1).

› **Grooved to Suit a Mechanical Coupling**

This connection type is a pipe stub with a groove to accept a mechanical pipe coupling (Figure 2).

› **Beveled for Welding and Grooved Connection**

Many of BAC’s connections are both beveled for weld and grooved to suit a mechanical coupling. Either method of fastening to field-fabricated piping can be used when this connection type is provided (Figure 2).

› **Side Outlet Depressed Sump Box**

This option is offered to facilitate horizontal piping below the cold water basin of a unit, and is a compact alternative to using an elbow in the piping arrangement, saving installation time and cost (Figure 3).
ASME Class 150 Flat Face Flange

This connection type is a standard bolt and hole pattern at the point of connection to mate to an ASME Class 150 Flat Face Flange. When BAC provides this connection type to a hot water basin mounting bolts are permanently fastened to the connection plate. When BAC provides this connection type on a cold water basin, a back-up ring and neoprene washers are provided. All other components (piping, nuts, bolts, flatwashers, etc.) are provided by others unless otherwise specified (Figures 4 and 5).

Male Pipe Thread (MPT)

This connection type is a threaded pipe stub connection designed to mate with a Female Pipe Thread (FPT) fitting (Figure 6).