

# ENGINEERING SPECIFICATIONS

## HEAT PUMP CONNECTORS

Stainless steel hose and braid heat pump assemblies will be used as flexible connectors for use on water source heat pumps or fan coil units as indicated within the specifications, drawings and equipment schedules.

Heat pump connectors are constructed with 300 Series stainless steel corrugated metal hose and braid.

End fittings are permanently welded to the assembly and will consist of a solid male NPT at one end and either a female JIC swivel with adapter or female union with adapter, producing a male swivel NPT. When used in copper piping systems, stainless steel or brass nut end fittings must be used.

Heat pump connectors are rated for a minimum of 700°F and minimum working pressure of the following:

Size	WRK. PSIG	@ TEMP.	WRK. PSIG	@ TEMP.
1/2"	796	70° F	557	700° F
3/4"	597	70° F	417	700° F
1"	455	70° F	318	700° F
1 1/4"	441	70° F	308	700° F
1 1/2"	370	70° F	259	700° F
2"	370	70° F	259	700° F

Metal heat pump hoses are recommended for continuous service with temperatures above 140° F

Heat pump connectors are TCH Series MHPH.

