****

Product Specifications

**B 1 T C Basket strainer**

1. **General:**
   1. “Basket” Pipeline strainers shall be installed where shown on plans or required by equipment manufacturers.
   2. Strainer shall remove debris from the pipeline to prevent damage to other equipment. When possible, screen opening size shall be coordinated with the other equipment manufacturers.
2. **Product:**
   1. Basket Strainer shall be model **“B-1-T-C"** as manufactured by The Metraflex Company®, Chicago, IL.
   2. Materials:
      1. Strainer body shall be ASTM A126 B Cast Iron.
      2. Screens shall be Type 304 Stainless steel.
   3. Flanges shall be 125 lb. cast iron in accordance with ASME B16.5
   4. Pressure ratings shall be:
      1. 2” through 4” rated for 200 PSI at 200⁰ F.
      2. 5” and 6” rated for 150 PSI at 200⁰ F.
      3. 8” through 12” rated for 100 PSI at 200⁰ F.
   5. Unless specified otherwise, screen perforations shall be:
      1. For liquid service for sizes 2” – 3” perforation shall be .045”.
      2. For liquid service for sizes 4” – 12” perforation shall be .125”.
   6. Cover shall be clamp on style.
   7. Basket strainer shall be equipped with drain.
3. **Execution:**
   1. Basket Strainer shall be installed in accordance with manufacturer’s recommendations and contact requirements.
   2. Pressure drop values shall comply with Fluid Controls Institute Standard for performance testing strainers for liquid service.
   3. Screen perforation shall be in accordance with equipment manufacturer’srecommendations.