

SPIROTHERM®

SUGGESTED SPECIFICATIONS

SPIROTRAP® Dirt Separator

Furnish and install as shown on the drawings a Spirotrap dirt separator on the condenser water system. . Pipe size is not a factor and all units should be selected at the point of peak efficiency per the manufacturer's recommendations. All separators shall be fabricated steel, rated for 150 psig working pressure with entering velocities not to exceed 4 feet per second at specified GPM. Spirotrap "HV" units specifically designed for high velocity systems may have an entering velocity of up to 10 feet per second. Units shall include an internal Spirotube® bundle filling the entire vessel to suppress turbulence and provide high efficiency. The bundle must consist of a copper core tube with continuous wound copper medium permanently affixed to the core. A separate copper medium is to be wound completely around and permanently affixed to the internal element. Separators shall have the system connections at the top of the vessel and include a blowdown connection and valve. *Units shall be Spirotrap Dirt models as manufactured by Spirotherm, Inc. and separate at least 80% of all particles 30 micron and larger within 100 passes.

*Optional: Unit shall include a removable lower head to facilitate removal of Spirotube assembly for inspection or cleaning. Separators shall be Spirotrap Drain models as manufactured by Spirotherm, Inc. and separate at least 80% of all particles 30 micron and larger within 100 passes.

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