

DISCAL DIRTMAG®

magnetic air and dirt separator with wings

NA546AM ASME Steel Series: 10 inch

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Application

The Caleffi DISCALDIRTMAG magnetic air and dirt separator incorporates three important functions for hydronic systems: air separation, dirt separation and ferrous impurity separation. An internal screen element facilitates the coalescing and capture of micro-bubbles to facilitate high performance automatic air removal, while concurrently causing the capture of non-ferrous debris particles down to 5 micron size. A powerful magnetic field induced by rare-earth neodymium magnets facilitates the capture of ferrous impurities such as iron oxide down to microscopic size thus delivering 2½ times the ferrous impurity removal performance of standard air and dirt separators.

Typical Specification

Furnish and install on the plans and described herein, a Caleffi DISCAL DIRTMAG magnetic air and dirt separator as manufactured by Caleffi. Each separator must be designed with a side drain valve, blowdown drain valve, and automatic air vent. The separator design