



Suggested Specification for SJDT

Steam injection into air handling system for humidification purposes shall be by means of an all stainless steel steam jacketed dispersion tube suitable for accepting steam from an atmospheric (<1 psi) source such as electronic or steam-to-steam, humidifiers without dripping or spitting. Substitution of nozzles alone in place of steam jacketing shall not be acceptable.

A portion of the steam supply shall be diverted from the dispersion tube to jacket the entire length of the tube through a two pass (supply and return) jacketing passageway.

Dispersion tube shall incorporate an internal drain port to drain any condensate present in the jacket. Return jacketed passageway shall include a 1/2" drain connection for field piping to a "P" trap of not less than 6". Field piping connections shall be limited to the humidifying steam supply and single condensate gasses shall be evacuated from the jacket through escape passages near the dispersion tube steam discharge holes. Dispersion tube shall be Armstrong SJDT.