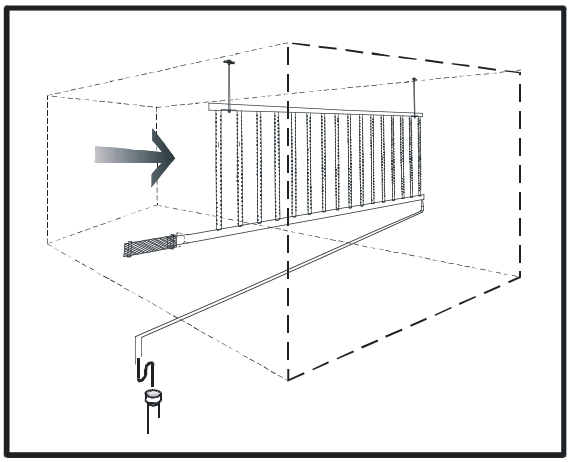
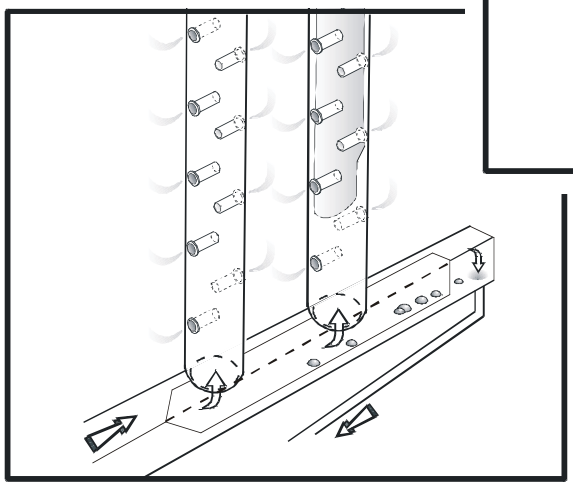
M.S. (Multi Steam) distribution system:

In order to prevent the accumulation of condensation in air ducts, NEP has developed the **MULTI-STEAM,** a special distribution grid system used in critical locations in air handling systems, particularly where absorption distances are short, or where low duct air temperatures are in effect.





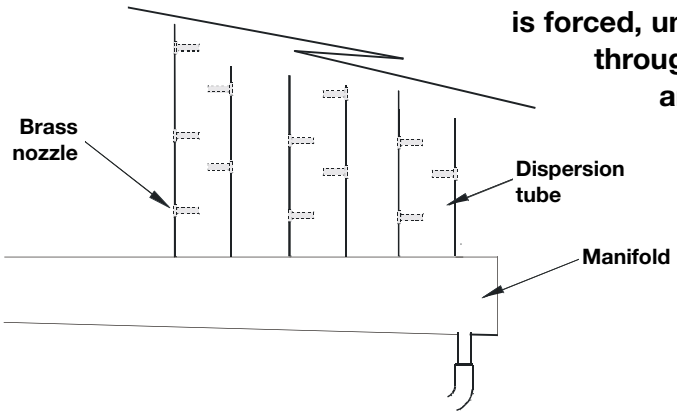
The **M.S.** consists of a number of vertical stainless steel steam dispersion tubes connected to a horizontal stainless steel manifold which can be custom built for any size duct. The vertical distributors span the duct section taking advantage of the total surface area for a more efficient diffusion of steam into the air stream.

Condensation residue that gathers in the lower horizontal manifold is evacuated to drain, and only dry steam, void of droplets, is emitted from the vertical distributors.

For details, refer to the pictorial representations on this page.

Construction:

Both the manifold and vertical steam distributors are constructed from stainless steel. Steam is emitted into the air stream through brass nozzles with an orifice of 1/4" in diameter. The nozzles extend into the interior of the steam distributor, preventing condensed droplets from being sprayed into the duct. **Only dry steam is forced, under pressure, through the nozzles and into the air stream.**



M.S. (MULTI-STEAM)
(detail)