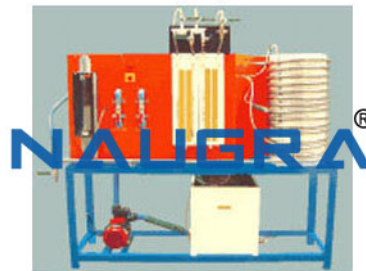


**Product Name :**  
Helical Coil Apparatus**Product Code :**  
NMCBS11169**Description :**

Helical Coil Apparatus Helical coils are used for heating or cooling in process tanks. When a fluid flow through a curved tube, centrifugal force acting upon the various elements of fluid moving with different velocities causes secondary circulation. Secondary flow results in higher heat transfer characteristics. Further secondary flow stabilizes the laminar flow leading of a higher critical Reynolds number for transition from laminar to turbulent flow. Experiments To determine the critical Reynolds number of a fluid flowing through the coil. To determine the friction factor for flow of water through helical coil Utilities Required Electric supply 0.5 kW, 220V AC, Single Phase Water supply Tap water connection " BSP Distilled water @ 60 liters (optional) Floor Area with Drain facility Helical Coil Apparatus, Heat And Refrigeration System Exporters, Heat And Refrigeration System Manufacturers

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