Hendy Coils Pty Ltd

# EXTENDED SURFACE HEAT EXCHANGE COILS
# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| PRIMARY SURFACE: | Copper alloy 122 manufactured to A.S. 1571 in two tube sizes as follows. Safe working pressures exceed 2000 kPa. |
| 1/2" TUBE COILS: | 12.7mm seamless pure copper 0.41mm gauge, with ther heavier gauges on request. 31.75mm tube centers across he face, 27.5mm row centers. |
| 5/8" TUBE COILS: | 15.88mm seamless pure copper 0.48mm gauge, 38.1mm tube centers across the face, 33.0mm row centers. optionally 15.9mm x 1.22mm wall for steam and high pressure applications. |
| SECONDARY SURFACE: | Ripple edged, die formed, with full collar covering tube. type alloy 8011-0 Temper. 0.164mm thickness standard with 0.020mm on request. Variable pitching of 236, 315, 393, 472 and 551 fins per meter. |
| COATINGS: | For adverse environments a methacrylate acrylic air side coating is available giving protection against many corrosive situations. |
| BONDING: | Tubes mechanically expanded for positive high conductivity metal to metal joint between tube and fin. |
| HEADERS: | Heavy gauge hard drawn copper to AS 1432 complete with 1/8" BSP air vents for water coils. |
| CONNECTIONS: | Heavy gauge hard drawn plain copper tails. Size to suit coil requirements. |
| COIL FRAMES: | Made from 1.6mm Galvabond. Also available on request in aluminum, copper, stainless steel or brass. |
| BRAZING: | Phoscalloy and 2-5% silver solder to AS 1167 according to application. |
| TUBE AND PLATES: | Tight fit to stop air leakage. Also available on request with holes larger than tube to allow expansion and contraction of tubes without stress. |