

## Parameters of Finning - Table in Inches (finning material –aluminium)

| d       | D      | H       | b       | Fins per inch | Finning coefficient f | Heat transferring surface of 1 foot of finned tube [ft <sup>2</sup> ] |
|---------|--------|---------|---------|---------------|-----------------------|---|
| 0.625'' | 1.50'' | 0.375'' | 0.024'' | 10            | 13.0                  | 8.12  |
|         | 1.50'' | 0.375'' | 0.016'' | 11            | 14.5                  | 8.83  |
|         | 1.57'' | 0.375'' | 0.016'' | 9             | 10.5                  | 7.44  |
| 0.75''  | 1.81'' | 0.5''   | 0.016'' | 10            | 16.6                  | 11.82   |
|         | 1.81'' | 0.5''   | 0.016'' | 11            | 18.0                  | 12.85   |
|         | 1.93'' | 0.375'' | 0.024'' | 7             | 9.0                   | 8.53  |
| 1''     | 2.05'' | 0.5''   | 0.016'' | 8             | 12.0                  | 10.94   |
|         | 2.20'' | 0.625'' | 0.016'' | 9             | 14.6                  | 13.82   |
|         | 2.24'' | 0.625'' | 0.012'' | 10            | 20.0                  | 17.52   |
|         | 2.24'' | 0.625'' | 0.012'' | 11            | 21.0                  | 19.09   |
|         | 2.13'' | 0.375'' | 0.016'' | 7             | 7.6                   | 8.78  |
| 1.25''  | 2.36'' | 0.5''   | 0.016'' | 8             | 11.8                  | 13.52   |
|         | 2.52'' | 0.625'' | 0.016'' | 9             | 16.0                  | 18.46   |
|         | 2.56'' | 0.625'' | 0.016'' | 10            | 18.75                 | 21.56   |
|         | 2.56'' | 0.625'' | 0.016'' | 11            | 20.4                  | 23.43   |
| 1.5''   | 2.44'' | 0.375'' | 0.024'' | 7             | 8.0                   | 11.08   |
|         | 2.68'' | 0.5''   | 0.024'' | 8             | 12.4                  | 16.82   |
|         | 2.76'' | 0.625'' | 0.016'' | 9             | 15.3                  | 20.74   |
|         | 2.76'' | 0.625'' | 0.012'' | 10            | 17.5                  | 22.61   |
|         | 2.76'' | 0.625'' | 0.012'' | 11            | 19.0                  | 25.25   |

