



Wire Turbulator News

Winter 07/08

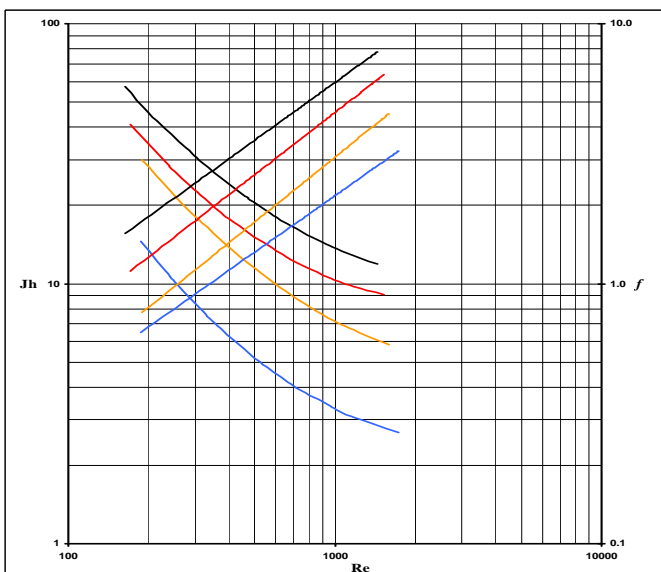
Further developments from MWC Heat Transfer Division

KTP Project delivers new correlations for production turbulators

The company is pleased to announce the publication of the first correlations resulting from its ongoing research into the performance of its removable wire turbulators.

The data released is for a range of turbulators for 25.4mm (1") diameter tubes and is available in both graphical and mathematical formats. This design data, in both formats, together with a manual design method can be downloaded from our web site which can be found at:-

www.midlandwirecordage.co.uk/htdivision/index.cfm



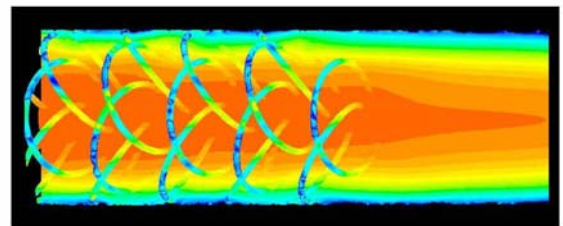
HTD removable turbulators are available in a wide range of materials although most popular are 316 stainless steel and carbon steel.

Should you require any help or advice in designing more competitive heat exchangers with HTD removable turbulators please contact John Rogers at:-

john@mid-cord.co.uk

CFD modelling accelerates progress

The CFD modelling is progressing well and a grid has been constructed which is achieving good results compared to the physical tests. Further refinement will improve the results still further. CFD modelling allows the company to accelerate product development by being able to predict the performance of new designs as well as giving us a better understanding of the mechanisms at work as fluid passes over our HTD removable turbulators.



Our CFD research is being led by Dr Nazar Abdelkarim with support from Dr John Brammer from Aston University's Department of Engineering and Applied Science.

Quality and Environmental Standards



Recent re-accreditation to ISO 9001:2000 and ISO 14001:2004 underlines the company's continuing commitment to the highest standards in quality and environmental management systems

Laboratory facilities

Our high spec single tube test rig is at the heart of our research and development - can these facilities help you? Should you have a project that could benefit from our innovative research please discuss it with us.

Contact us:- Phone: 44(0)1527 594150
Fax.: 44(0)1527 64322
E-mail: sales@mid-cord.co.uk

© MWC Co Ltd January 2008