

เอกสารอ้างอิง

1. Ali, S., 2001, “Pressure drop correlations for flow through regular helical coil tubes”, **Fluid Mechanics Research**, Vol. 28, pp. 295–310.
2. Cioncolini, A. and Santini, L., 2006, “An experimental investigation regarding the laminar to turbulent flow transition in helically coiled pipes”, **Experimental Thermal and Fluid Science**, Vol. 30, pp. 367–380.
3. Cui, W., Li, L., Xin, M., Jen, T., Chen, Q. and Liao, Q., 2006, “A heat transfer correlation of flow boiling in micro-finned helically coiled tube”, **International Journal of Heat and Mass Transfer**, Vol. 49, pp. 2851–2858.
4. Dravid, A.N., Smith, K.A., Merrill, E.W. and Brian, P.L.T., 1971, “Effect of secondary fluid on laminar flow heat transfer in helically coiled tubes”, **American Institute of Chemical Engineers Journal**, Vol. 17, pp. 1114–1122.
5. Frank, P.I., David, P.D., Theodore, L. and Adrienne, S., 2006, **Introduction to heat transfer**, 5th ed., John Wiley & Sons, New York.
6. Figueiredo, A.R. and Raimundo, A.M., 1996, “Analysis of the Performances of Heat Exchangers Used in Hot-Water Stores”, **Applied Thermal Engineering**, Vol. 16, pp. 605–611.
7. Frank, M., 1999, **Fluid Mechanics**, 4th ed., McGraw-Hill, Singapore.
8. Garimella, S., Richards, D.E. and Christensen, R. N., 1988, “Experimental Investigation of Heat Transfer in Coiled Annular Ducts”, **Journal of Heat Transfer**, Vol. 110, pp. 329–336.
9. Guo, L., Feng, Z. and Chen, X., 2001, “Pressure drop oscillation of steam-water two-phase flow in a helically coiled tube”, **International Journal of Heat and Mass Transfer**, Vol. 44, pp. 1555–1564.

10. Havas, G., Deak, A. and Sawinsky, J., 1987, "Heat transfer to helical coils in agitated vessels", **Chemical Engineering Journal**, Vol. 35, pp. 61-64.
11. Hewitt, G.F., 1990, **Hemisphere handbook of heat exchanger design**. Hemisphere publishing corporation, USA, pp. 2.5.14-1-2.5.14-4
12. Ho, J.C. and Wijesundera, N.E., 1996, " Study of a compact spiral-coil cooling and dehumidifying heat exchanger unit", **Applied Thermal Engineering**, Vol. 16, pp. 777-790.
13. Ho, J.C. and Wijesundera, N.E., 1999, " An unmixed-air flow model of a spiral cooling and dehumidifying heat transfer", **Applied Thermal Engineering**, Vol. 19, pp. 865-883.
14. Incropera, F., 1985, **Fundamentals of heat and mass transfer**, John Wiley & Sons. Newyork.
15. Ju, H., Huang, Z., Xu, Y., Duan, B. and Yu, Y., 2001, "Hydraulic performance of small bending radius helical coil-pipe", **Journal of Nuclear Science and Technology**, Vol. 18, pp. 826–831.
16. Lin, C.X. and Ebadian, M.A., 1997, "Developing turbulent convective heat transfer in helical pipes", **International Journal of Heat and Mass Transfer**, Vol. 40, pp. 3861–3873.
17. McQuiston, F.C. and Parker, J.D., 1994, **Heating Ventilating and Air Conditioning**, 4th ed., John Wiley & Sons, New York.
18. Mishra, P. and Gupta, S.N., 1979, "Momentum transfer in curved pipe 1. Newtonian fluids; 2. Non-Newtonian fluids", **Industrial and Engineering Chemistry Process Design and Development**, Vol. 18, pp. 130–137.
19. Naphon, P. and Wongwises, S., 2005, "Heat transfer coefficients under dry-and wet-surface conditions for a spirally coiled finned tube heat exchanger", **International Communication Heat and Mass Transfer**, Vol. 32, pp. 371-385.

20. Patankar, S.V., Pratap, V.S. and Spalding, D.B., 1974, "Prediction of laminar flow and heat transfer in helically coiled pipes", **Journal of Fluid Mechanics**, Vol. 62, pp. 539–551.
21. Prabhanjan, D.G., Raghavan, G.S.V. and Rennie, T.J., 2002, "Comparison of Heat Transferrates between a Straight Tube Heat Exchanger and a Helically Coiled Heat Exchanger", **International Communication Heat Mass Transfer**, Vol. 29, pp. 185-191.
22. Rennie, T. and Raghavan, V., 2005, "Experimental studies of a double pipe helical heat exchanger", **Experimental Thermal and Fluid Science**, Vol. 29, pp. 919–924.
23. Schmidt, T.E., 1949, "Heat Transfer Calculation for Extend Surface", **Refrigeration Engineering**, Vol. 49, pp. 351.
24. Schmidt, E.F., 1967, "Waermeuebergang und Druckverlust in Rohrschlangen", **Chemical Engineering Technology**, Vol. 39, pp. 781–789.
25. Wang, L. and Cheng, K.C., 1996, "Flow transition and combine free and forced convective heat transfer in a rotating curve circular tube", **International Journal of Heat and Mass Transfer**, Vol. 39, pp. 3381-3400.
26. Wang, CC., Hsieh, YC. and Lin, YT., 1997, "Performance of plate finned tube heat exchangers under dehumidifying conditions", **ASME Journal of Heat Transfer**, Vol. 119, pp. 109–117.
27. Wongwises, S. and Polsongkram, M., 2006, "Evaporation heat transfer and pressure drop of HFC-134a in a helically coiled concentric tube-in-tube heat exchanger", **International Journal of Heat and Mass Transfer**, Vol. 49, pp. 658–670.
28. Wongwises, S. and Polsongkram, M., 2006, "Condensation heat transfer and pressure drop of HFC-134a in a helically coiled concentric tube-in-tube heat exchanger", **International Journal of Heat and Mass Transfer**, Vol. 46, pp. 4386–4398.

29. Xin, R.C., Awwad, A., Dong, Z.F. and Ebadian, M.A., 1997, "An experimental study of single-phase and two-phase flow pressure drop in annular helicoidal pipes", **International Journal of Heat and Fluid Flow**, Vol. 18, pp. 482–488.
30. Yang, G. and Ebadian, M.A., 1996, "Turbulent forced convection in a helicoidal pipe with substantial pitch", **International Journal of Heat and Mass Transfer**, Vol. 39, pp. 2015–2022.
31. Yildiz, C., Biçer, Y. and Pehlivan, D., 1997, "Heat Transfer and Pressure drop in a Heat exchanger with a Helical pipe containing inside spring", **Energy Conversion and Management**, Vol.38, No. 6, pp. 619-624.
32. Zhao, L., Guo, L., Bai, B., Hou, Y. and Zhang, X., 2003, "Convective boiling heat transfer and two-phase flow characteristics inside a small horizontal helically coiled tubing once-through steam generator", **International Journal of Heat and Mass Transfer**, Vol. 46, pp. 4779–4788.