

DAFTAR PUSTAKA

- Al-Hinti, I., Al-Ghandoor, A., Maaly, A., Abu Naqeera, I., Al-Khateeb, Z. dan AlSheikh, O., 2010, Experimental Investigation on The Use of Water-Phase Change Material Storage in Conventional Solar Water Heating Systems, *Energy Conversion and Management*, 51, 1735–1740.
- Anggara, F., 2017, Simulasi Pelelehan Paraffin Wax RT52 pada Tabung Silinder, Tesis, Universitas Gadjah Mada.
- Cabeza, L.F., 2015, *Advances in Thermal Energy Storage Systems*, Woodhead Publishing, UK.
- Dwivedi, V., 2009, *Thermal Modelling and Control of Domestic Hot Water Tank*, Thesis, University of Strathclyde, Glasgow, Scotland.
- Felinski, P. dan Sekret, R., 2016, Experimental Study of Evacuated Tube Collector/Storage System Containing Paraffin as A PCM, *Energy*, 114, 1063-1072.
- Fleischer, A.S., 2015, *Thermal Energy Storage Using Phase Change Materials: Fundamentals and Applications*, Springer, London.
- Gorzin, M., Hosseini, M.J., Ranjbar, A.A. dan Bahrampoury, R., 2018, Investigation of PCM Charging for The Energy Saving of Domestic Hot Water System, *Applied Thermal Engineering*, 137, 659-668.
- Kalogirou, S.A., 2014, *Solar Energy Engineering: Processes and Systems*, 4th Ed., Elsevier, Inc., US.
- Kee, A.Y., Munusamy, Y. dan Ong, K.S., 2018, Review of Solar Water Heaters Incorporating Solid-liquid Organic Phase Change Materials as Thermal Storage, *Applied Thermal Engineering*, 131, 455-471.
- Kurklu, A., Ozmerzi, A. dan Bilgin, S., 2002, Thermal Performance of a water-Phase Change Material Solar Collector, *Renewable Energy*, 26, 391-399.
- Longeon, M., Soupart, A., Fourmigue, J.F., Bruch, A. dan Marty, P., 2013, Experimental and Numerical Study of Annular PCM Storage in The Presence of Natural Convection, *Applied Energy*, 112, 175-184.

- Lu, S., Zhang, T. dan Chen, Y., 2018, Study on The Performance of Heat Storage and Heat Release of Water Storage Tank with PCMs, *Energy and Buildings*, 158, 1770-1780.
- Marausna, G., 2019, Simulasi Pelelehan Paraffin Wax RT 52 pada Solar Water Heater (SWH) Sistem Aktif dengan Variasi Heat Flux dan Debit, Tesis, Universitas Gadjah Mada, Yogyakarta.
- Marausna, G. dan Waluyo, J., 2019, Studi Pelelehan PCM di Dalam Tabung Penyimpanan Kalor pada Solar Water Heater Sistem Aktif, *Journal of Mechanical Design and Testing* 1, pp.47 – 56.
- Mazman, M., Cabeza, L.F., Mehling, H., Nogues, M., Evliya, H. dan Paksoy, H.O., 2009, Utilization of Phase Change Materials in Solar Domestic Hot Water Systems, *Renewable Energy*, 34, 1639–1643.
- Moukalled, F., Mangani, L. dan Darwish, M., 2016, *The Finite Volume Method in Computational Fluid Dynamics: An Advanced Introduction with OpenFOAM® and Matlab®*, Springer, Switzerland.
- Nadjib, M. dan Suhanan, 2013, Studi Eksperimental Penyimpanan Energi Termal Proses Charging pada Pemanas Air Tenaga Surya Thermosyphon Menggunakan Air dan Paraffin Wax sebagai Material Penyimpan Kalor, *Prosiding Seminar Nasional Tahunan Teknik Mesin XII*, ISBN 978 979 8510 61 8, 402 – 406.
- Nadjib, M. dan Suhanan, 2014, Kajian Perpindahan Kalor pada Pemanas Air Tenaga Surya Menggunakan Kapsul PCM Pipa-banyak Susunan Segaris, *Prosiding Seminar Nasional Tahunan Teknik Mesin XIII*, ISBN 978 602 98412 31 7, 430 – 435.
- Naghavi, M.S., Ong, K.S., Badruddin, I.A., Mehrli, M. dan Metselaar, H.S.C., 2017, Thermal Performance of A Compact Design Heat Pipe Solar Collector with Latent Heat Storage in Charging/Discharging Modes, *Energy*, 127, 101–115.
- Papadimitratos, A., Sobhansarbandi, S., Pozdin, V., Zakhidov, A. dan Hassanipour, F., 2016, Evacuated Tube Solar Collectors Integrated with Phase Change Materials, *Solar Energy*, 129, 10–19.

- Regin, A.F., Solanki, S.C. dan Saini, J.S., 2006, Latent Heat Thermal Energy Storage using Cylindrical Capsule: Numerical and Experimental Investigations, *Renewable Energy*, 31, 2025-2041.
- Xue, H.S., 2016, Experimental Investigation of A Domestic Solar Water Heater with Solar Collector Coupled Phase-Change Energy Storage, *Renewable Energy*, 86, 257–261.
- Versteeg, H.K. dan Malalasekara, W., 2007, *An Introduction to Computational Fluid Dynamics: The Finite Volume Method*, 2nd Ed., Pearson, Harlow.
- Wu, W., Dai, S., Liu, Z., Dou, Y., Hua, J., Li, M., Xinyu Wang dan Xiaoyu Wang, 2018, Experimental Study on The Performance of A Novel Solar Water Heating System with and without PCM, *Solar Energy*, 171, 694-612.