

## DAFTAR PUSTAKA

- Abidin, M. F., Budiono, G., Hariadi, B., Setyadjit, K., & Yuliananda, S. (2021). Audit Sistem Pencahayaan dan Sistem Pendingin Ruangan dalam Upaya Efisiensi Energi Listrik di Gedung Perkantoran PT. Varia Usaha Beton Plant Tambakoso Waru. *El Sains Jurnal Elektro*, 3(2).  
<https://doi.org/10.30996/elsains.v3i2.5991>
- Absolute HVAC Long Island. (2025). *Heat Wave Warning on Long Island: Is Your HVAC System Ready?* <https://www.absolutehvacli.com/blog/heat-wave-warning-on-long-island-is-your-hvac-system-ready>
- Anam, A. N. (2022). *Perbandingan Penggunaan Refrigeran R-410a Dan Musicool-22 Melalui Proses Retrofit Pada Ac Merk Daikin 2 Pk.*
- Arora, R. C. (2012). *Refrigeration and air conditioning*. PHI Learning Pvt. Ltd.
- Brain, W., Windyaningsih, C., & Istiqlal, H. (2023). Analisis Implementasi Metode Prototyping Pada Sistem Informasi Pemeliharaan Alat Pendingin di Rumah Sakit Khusus Daerah Duren Sawit. *Jurnal Manajemen Dan Administrasi Rumah Sakit Indonesia (MARSI)*, 7(1).  
<https://doi.org/10.52643/marsi.v7i1.2932>
- Dincer, I., & Rosen, M. A. (2015). *Exergy analysis of heating, refrigerating and air conditioning: methods and applications*. Academic Press.
- Dossat, R. J. (1981). *Principles of Refrigeration (2nd (SI Units))*. John Wiley & Sons, Inc.
- Fauzi, A. (2020). *Pentingnya Faktor Lingkungan ODP dan GWP Dalam Pemilihan Refrigeran*.
- Hendri, Prayudi, & Nurhasanah, R. (2014). Studi Eksperimental Pengaruh Temperatur Evaporasi terhadap Unjuk Kerja Mesin Pendingin Ruangan Dengan Refrigeran R134a dan MC 134. *Proceeding Seminar Nasional Tahunan Teknik Mesin*, 13.
- Isnanda, I., Rosa, Y., Adril, E., & Feidihal, F. (2019). Pengaruh Retrofit Refrigeran CFC-12 Dengan HCR-12 Terhadap Kinerja Refrigerator Domestik dan Perawatannya. *Jurnal Teknik Mesin*, 12(2).  
<https://doi.org/10.30630/jtm.12.2.232>
- Khazaii, J., & Khazaii. (2016). *Advanced Decision Making for HVAC Engineers*. Springer.
- Mark O. McLinden. (2005). *ASHRAE Handbook – Fundamentals (SI Edition): Vol. 978-1931862707* (Mark O. McLinden, Ed.; 1931862710th ed.). NIST.
- Mendoza-Miranda, J. M., Mota-Babiloni, A., & Navarro-Esbrí, J. (2016). Evaluation of R448A and R450A as low-GWP alternatives for R404A and R134a using a micro-fin tube evaporator model. *Applied Thermal Engineering*, 98, 330–339.
- Meyer, J. (2006). THE PERFORMANCE OF THE REFRIGERANTS R-134a, R290, R404A, R-407c AND R-410A IN AIR CONDITIONERS AND REFRIGERATORS. *Proceedings of the International Thermal Science Seminar Bled. Volume 1*, 67–74.  
<https://doi.org/10.1615/ICHMT.2000.TherSieProcVol2TherSieProcVol1.80>
- Mutaufiq, Sulistyono, H., Sumardi, K., Berman, E. T., & Wiyono, A. (2021). Performance Investigation of Cooling Machine Practice Props After Retrofitted by Natural Refrigerants. *Jurnal Teknik: Media Pengembangan*

- Ilmu Dan Aplikasi Teknik*, 20(2). <https://doi.org/10.26874/jt.vol20no2.419>
- Prayogi, U. (2022). Analisa Perbandingan Global Warming Potential (Gwp) Dan Ozone Depletion Potential (Odp), Pada Refrigeran R32, R290, R407c, R410a, Sebagai Pengganti R22. *Jurnal Teknik Mesin Mercu Buana*, 11(1), 14–20.
- Prihatmoko, D. (2016). Perancangan Dan Implementasi Pengontrol Suhu Ruangan Berbasis Mikrokontroler Arduino Uno. *Simetris: Jurnal Teknik Mesin, Elektro Dan Ilmu Komputer*, 7(1). <https://doi.org/10.24176/simet.v7i1.495>
- Reddy, T., Kreider, J. F., Curtiss, P. S., & Rabl, A. (2016). *Heating and cooling of buildings: principles and practice of energy efficient design*. CRC press.
- Stanford III, H. W., & Spach, A. F. (2019). *Analysis and design of heating, ventilating, and air-conditioning systems*. CRC Press.
- Sumeru, K., Pramudantoro, T. P., & Setyawan, A. (2018). Experimental investigation on the performance of residential air conditioning system using water condensate for subcooling. *MATEC Web of Conferences*, 197, 08002. <https://doi.org/10.1051/mateconf/201819708002>
- Temaja, I. W., Ery Arsana, M., & Ike Midiani, L. P. (2018). Kajian Eksperimental Campuran R-32/R-290 Pengganti Refrigeran R-32 Pada Ac Split Domestik. *Matrix*, 8(3).
- Yang, H., & Li, H. (2010). A generic rating-data-based (grdb) coils modeling method. *HVAC and R Research*, 16(3). <https://doi.org/10.1080/10789669.2010.10390908>
- Yıldırım, R., Akyüz, A., Kumaş, K., Tuncer, A. D., & Gungor, A. (2025). A comprehensive overview of refrigerants from the past to the modern day: energy, exergy, and environmental perspectives. *Journal of Thermal Analysis and Calorimetry*, 1–23.