

DAFTAR PUSTAKA

- [1] BMKG, “Anomali Suhu Udara Rata-Rata Tahun 2023 - Anomali Suhu Udara - BMKG.” Accessed: Oct. 23, 2025. [Online]. Available: <https://www.bmkg.go.id/iklim/anomali-suhu-udara/anomali-suhu-udara-rata-rata-tahun-2023?utm.com>
- [2] BMKG, “Data Online - Direktorat Data dan Komputasi BMKG.” Accessed: Oct. 23, 2025. [Online]. Available: <https://dataonline.bmkg.go.id/dataonline-home>
- [3] Stasiun Klimatologi Sumatera Selatan, “Analisis Suhu Udara dan Kelembapan Relatif Bulan Februari 2024 – Stasiun Klimatologi Sumatera Selatan.” Accessed: Oct. 23, 2025. [Online]. Available: <https://staklim-sumsel.bmkg.go.id/analisis-suhu-udara-dan-kelembapan-relatif-bulan-februari-2024/?utm>
- [4] M. Faizal and R. Saputra, “perancangan ulang sistem HVAC pada gedung perkantoran x di jakarta dengan metode CLTD,” 2016.
- [5] K. S. Rambhad *et al.*, “Experimental investigation of desiccant dehumidification with four different combinations of silica gel desiccant on indoor air quality,” *SN Appl Sci*, vol. 5, no. 11, Nov. 2023, doi: 10.1007/s42452-023-05505-6.
- [6] S. Sunhor, D. Adi Saputra, Y. Osaka, T. Tsujiguchi, and A. Kodama, “A Parametric Study of the Dehumidification Performance of a Crossflow Desiccant Coated Heat Exchanger operated with Direct Hot Water Heating and Evaporative Cooling.”
- [7] PERMENKES, “berita negara republik indonesia,” 2022. [Online]. Available: www.peraturan.go.id
- [8] RS UNAND, “Website Resmi | RS Universitas Andalas.” Accessed: Oct. 23, 2025. [Online]. Available: <http://rsp.unand.ac.id/>

- [9] D. Gilang Shah Putra Rahim *et al.*, “efektifitas biaya di neonatal intensive care unit (nicu): sebuah scoping review,” vol. 12, no. 4, p. 2023.
- [10] R. H. . Howell, *Principles of heating ventilating and air conditioning : a textbook with design data based on the 2017 ashrae handbook of fundamentals*. ASHRAE, 2017.
- [11] LearnMetrics, “How Does A Dehumidifier Work? (Simple 2-Step Principle) - LearnMetrics.” Accessed: Oct. 23, 2025. [Online]. Available: <https://learnmetrics.com/how-does-a-dehumidifier-work-simple-2-step-principle/>
- [12] F. & K. D. L. Oughton and A. Hodgkinson, *Heating and Air Conditioning of Buildings, 11th ed., London: Routledge, 2019*. 2019.
- [13] Aaron Green, “Understanding How To Use A Dehumidifier - A Guide For Optimal Usage.” Accessed: Oct. 24, 2025. [Online]. Available: <https://www.essentialhomeandgarden.com/how-to-use-a-dehumidifier/>
- [14] inspiredpencil, “Desiccant Dehumidifier.” Accessed: Oct. 24, 2025. [Online]. Available: <https://ar.inspiredpencil.com/pictures-2023/desiccant-dehumidifier>
- [15] M. W. Lubliner, *Principles of Heating, Ventilation, and Air Conditioning in Buildings*. 2021.
- [16] BuyitDirectGroup, “How Do Dehumidifiers Work? | Appliances Direct.” Accessed: Oct. 24, 2025. [Online]. Available: <https://www.appliancesdirect.co.uk/help-and-advice/how-to/how-dehumidifiers-work>
- [17] DekaFerdianto, “Apa Itu Evaporator AC? Fungsi dan Cara Kerjanya pada Pendingin - Tips dan Informasi AC.” Accessed: Oct. 24, 2025. [Online]. Available: <https://www.abangbenerin.com/blog/apa-itu-evaporator-ac-fungsi-dan-cara-kerjanya-pada-pendingin/>

- [18] Administrator, “√ Apa Itu Kondensor AC? Fungsi, Jenis dan Cara Kerjanya - Finoo.id.” Accessed: Oct. 24, 2025. [Online]. Available: <https://www.finoos.id/apa-itu-kondensor-ac/>
- [19] Kazuki Rahmadhani, “Bongkar Rahasia Kompresor AC! Inilah Cara Membuat Pendingin Udara Rumahmu Tetap Dingin Tanpa Repot! - Hukama News.” Accessed: Oct. 24, 2025. [Online]. Available: <https://www.hukamanews.com/tekno/46013649381/bongkar-rahasia-kompresor-ac-inilah-cara-membuat-pendingin-udara-rumahmu-tetap-dingin-tanpa-repot>
- [20] WiseSorbent, “Silica Gel Desiccant | WiseSorbent Technology.” Accessed: Oct. 24, 2025. [Online]. Available: <https://wisesorbent.com/desiccants/industrial/silica-gel-desiccants/>
- [21] AjiPower.id, “bahan baku untuk tabung electric heater yang baik ? - AJIPower.id.” Accessed: Oct. 24, 2025. [Online]. Available: <https://ajipower.id/heater/bahan-baku-untuk-tabung-electric-heater-yang-baik/>
- [22] J. H. Seppänen and W. J. Fisk, *Control of Indoor Air Humidity and Airborne Contaminants*. 2021.
- [23] Kucari.id, “Jual Saringan Debu Udara AHU HVAC FCU G 4 MERV 6-8 Air Pre Filter Cassette Harga Murah 2025.” Accessed: Oct. 24, 2025. [Online]. Available: <https://www.kucari.com/product/saringan-debu-udara-ahu-hvac-fcu-g-4-merv-6-8-air-pre-filter-cassette/>
- [24] OpenCircuit, “Fermion: TCS3200 RGB Color Sensor (Breakout) - Opencircuit.” Accessed: Oct. 24, 2025. [Online]. Available: <https://opencircuit.shop/product/fermion-tcs3200-rgb-color-sensor-breakout>
- [25] ASHRAE, *HVAC Systems and Equipment, Atlanta, GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers*. 2020.

- [26] ASHRAE, *ASHRAE Standard 62.1: Ventilation for Acceptable Indoor Air Quality*, Atlanta, GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers,. 2019.
- [27] C. P. Wong and K. N. Tu, *Electronic Materials: Fundamentals and Applications*, 2nd ed. 2019.
- [28] D. S. Rimdusit and S. Damrongsakkul, *Advanced Engineering Materials and Modeling*. 2021.
- [29] D. P. D. T. L. B. and A. S. L. F. P. Incropera, *Fundamentals of Heat and Mass Transfer*, 8th ed. 2021.
- [30] J. H. Seppänen and W. J. Fisk,, *Control of Indoor Air Humidity and Airborne Contaminants*. 2021.
- [31] F. P. Incropera et al, *Fundamentals of Heat and Mass Transfer*, 8th ed. 2021.
- [32] A. Lešinskis, U. Strauts, M. Metāls, R. Millers, and V. Afoņičevs, “Ventilation and air conditioning design approach based on ASHRAE psychrometric chart and Mollier diagram,” *Front Built Environ*, vol. 10, 2024, doi: 10.3389/fbuil.2024.1372288.
- [33] “Online Interactive Psychrometric Chart.” Accessed: Nov. 25, 2025. [Online]. Available: <https://www.flycarpet.net/en/psyonline>

