

DAFTAR PUSTAKA

- Adnin. (2017). Analisa Kenyamanan Termal pada Gerbong Light Rail Transit (LRT) Palembang terhadap Variasi Bentuk Ducting menggunakan Computational Fluid Dynamics (CFD). Departemen Teknik Fisika Institusi Teknologi Sepuluh November.
- ANSYS. (2009). *ANSYS Fluent 12.0 Theory Guide*. In ANSYS Inc., USA
- ANSYS. (2009). *ANSYS Fluent 12.0 Tutorial Guide*. In ANSYS Inc., USA.
- ANSYS. (2010). *ANSYS Meshing User's Guide*. In ANSYS Inc., USA.
- Arif, M. F. (2023). Analisis Numerik Pengaruh Variasi Penggunaan Air Barrier dan Sudut Penyekat Arah Aliran Udara Supply Diffuser Terhadap Distribusi Temperatur dan Kecepatan Udara dalam Kabin Penumpang Kereta Cepat. Yogyakarta : Universitas Gadjah Mada.
- ASHRAE. (2017). *ANSI/ASHRAE Standard 55 (Thermal Environmental Conditions for Human Occupancy)*.
- Badan Standardisasi Nasional. (2001). SNI 03-6572-2001 Tentang Tata Cara Perancangan Sistem Ventilasi dan Pengkondisian Udara pada Bangunan Gedung. Jakarta: Badan Standar Nasional.
- Bayu, T. (2016). *CFD analysis of air conditioned air distribution in passenger car of a train. Doctoral dissertation*.
- Bhatia, A. (2001). *HVAC-how to size and design ducts*. Greridge Farm Court.
- Chang. (2021). *A new ventilation mode of air conditioning in subway vehicles and its air distribution performance*.
- Cengel, Y. A., & Boles, M. A. (2006). *Thermodynamics An Engineering (Fifth Edition ed.)*.

- Cengel, Y.A. (2002) *Heat Transfer: A Practical Approach. 2nd Edition, McGraw-Hill*, New York.
- Chiriac, G., Lucache, D. D., Nitucă, C., Dragomir, A., & Ramakrishna, S. (2021). *Electric Bus Indoor Heat Balance in Cold Weather. applied science*.
- Croitoru, C., Nastase, I., Bode, F., Meslem, A., & Dogeanu, A. (2014). *Thermal comfort models for indoor spaces and vehicles. Renewable and Sustainable Energy Reviews*, 304-318.
- Fadhlurrohman, Akbar. (2023). Analisis Numerik Pengaruh Variasi Tata Letak *Air Supply Diffuser* dan *Air Return Grill* e Terhadap Distribusi Temperatur dan Kecepatan Udara Di Dalam Ruang Penumpang Bus Jarak Jauh. Yogyakarta : Universitas Gadjah Mada.
- Gasparini, R. (2022, April 26). *Mesh Sensitivity Study for CFD Simulations. Retrieved from Simscale: [https://www.simscale.com/knowledge base/mesh-sensitivity-cfd/](https://www.simscale.com/knowledge-base/mesh-sensitivity-cfd/)*
- Hidayat, T., & Restu, F. R. (2018). Pengembangan Desain Sistem Pengkondisian Udara Kereta Api oleh PT. INKA (PERSERO). *Jurnal Penelitian Transportasi Darat*, 19(1), 13.
- Holman, J. (2009). *Heat Transfer* (Tenth Edition ed.). New York: *McGraw-Hill Companies*.
- Incropera, DeWitt, Bergman, & Lavine (2006). *Fundamentals of Heat and Mass Transfer*. Sixth Edition, McGraw-Hill, New York.
- Introduction to glass properties automotive glazing. Sekurit. Available at: <https://www.saint-gobain-sekurit.com/global-excellence/our-production-processes/glossary> (Diakses pada : 07 Agustus 2023).*
- Kementrian Perhubungan Republik Indonesia. (2017). Peraturan Menteri Perhubungan Republik Indonesia Nomor PM 5 Tahun 2017 Tentang

Sertifikasi Kecakapan Pengatur Perjalanan Kereta Api dan Pengendali Perjalanan Kereta Api. Jakarta: Kementerian Perhubungan.

Kementerian Perhubungan Republik Indonesia. (2019). Peraturan Menteri Perhubungan Republik Indonesia Nomor PM 69 Tahun 2019 Tentang Standar Spesifikasi Teknis Kereta Api Kecepatan Tinggi. Jakarta: Kementerian Perhubungan.

Luruh (2017). *ANALYSIS OF DUCTING AT AIR CONDITIONING SYSTEM KERETA UKUR (MEASUREMENT TRAIN) PT INKA 2015*. DEPARTEMEN TEKNIK FISIKA INSTITUT TEKNOLOGI SEPULUH NOVEMBER

Lippsmeier, Georg (1997). *Bangunan Tropis*. Jakarta: Erlangga

Moukalled, F., Mangani, L., Darwish, M., Moukalled, F., Mangani, L., & Darwish, M. (2016). The finite volume method (pp. 103-135).

Moujaes, S., & Gundavelli, R. (2012). *CFD simulation of leak in residential HVAC ducts. Energy and Buildings, 54, 534–539.*

McDowall, R. (2007). *Fundamentals of HVAC Systems*. SI Edition.

McGuffin, R. (2001). *Modeling of Human Thermal Comfort. SAE Transactions, 110, 2272–2295.*

Munson, Okiishi, Huebsh, & Rothmayer (2012). *Fundamentals of Fluid Mechanics. Seventh Edition.*

Musat, R., & Helerea, E. (2009). *Parameters and Models of the Vehicle Thermal Comfort Acta Universitatis Sapientiae. Electrical and Mechanical, 215 226.*

Olagoke Olabisi & Kolapo Adewale (2015). *Handbook of Thermoplastics : Polyvinyl Butyral*. Wales : CRC Press.

Ridhwan Mustajab (2023) Penumpang Kereta Api di Indonesia sebanyak 277,12

Juta Pada 2022, Dataindonesia.id. diedit oleh Dimas Bayu. Dapat dilihat di :<https://dataindonesia.id/otomotif-transportasi/detail/penumpang-kereta-api-di-indonesia-sebanyak-27712-juta-pada-2022> (Diakses pada tanggal 14 April 2023).

Rugh, J., Bharathan, D., & Chaney, L. (2005). *Predicting Human Thermal Comfort in Automobiles*.

Safitri, S. A. (2018). Desain dan Analisis Sistem Pengkondisian Udara Berbasis *Computational Fluid Dynamics* (CFD) pada Kereta Ukur Sulawesi di PT. INKA.

Sugarman, S. C. (2020). *HVAC fundamentals*. Crc Press.

Seeni, A., Rajendran, P., & Mamat, H. (2019). *CFD Letters A CFD Mesh Independent Solution Technique for Low Reynolds Number Propeller*. *CFD Letters*, 11, 15–30.

Simion, M., Socaciu, L., & Unguresan, P. (2015, November). Factors which influence the thermal comfort inside of vehicles. *Sustainable Solutions for Energy and Environment*, 472-480.

Sudarma, A. F., (2021). Studi Numerik Pengaruh Geometri Supply Air Grille serta Variasi Kecepatan Udara Masuk Terhadap Distribusi Temperatur di Dalam Ruangan Terkondisi. *Jurnal Teknik Mesin*, 10(1).

Yunus A. Cengel & John M. Cimbala (2006). *Fluid Mechanics: Fundamentals and Applications*. McGraw-Hill Companies, Inc., New York, 2006.

Wardana, Wikrama. (2022). *Perancangan Sistem HVAC Di Central Control Room*. Yogyakarta : Universitas Gadjah Mada.

Zhang, Y., Liu, J., Pei, J., Li, J., & Wang, C. (2017). *Performance evaluation of different air distribution systems in an aircraft cabin mockup*. *Aerospace Science and Technology*.