**Peer-Review Form**

Article Title: A Research on Transport of Fluids in Building-Related Installations

Manuscript ID: MJBAS-2023-551

Article Type: Research Article

Article Domain: Mechanical Engineering

Reviewer’s Name: Prof. Dr. S.M.Shankar (Will not be shared with the authors)

Reviewer Comments to the authors (Please mark “x” for the appropriate option)

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| --- | --- | --- | --- | --- | --- | --- |
| Comments | **NA** | **Poor** | **Fair** | **Good** | **Very Good** | **Excellent** |
| The manuscript falls within the scope of the journal |  |  |  |  |  |  |
| The topic is clearly indicated by the title |  |  |  |  |  |  |
| The article's topic is suitable for publication |  |  |  |  |  |  |
| The abstract clearly represents the contents of the paper |  |  |  |  |  |  |
| The keywords are appropriate and sufficient |  |  |  |  |  |  |
| The introduction is cutting-edge and well-organized |  |  |  |  |  |  |
| The sufficiency of the literature review (comprehensive, current) |  |  |  |  |  |  |
| Originality/novelty of the contribution |  |  |  |  |  |  |
| The significance of the results |  |  |  |  |  |  |
| Discussion is adequate |  |  |  |  |  |  |
| The data support the manuscript's conclusions |  |  |  |  |  |  |
| Future recommendations are sufficient |  |  |  |  |  |  |
| English language proficiency |  |  |  |  |  |  |
| Free of grammatical and typographical errors |  |  |  |  |  |  |
| The equations are accurate and properly numbered |  |  |  |  |  |  |
| Clarity of figures and tables |  |  |  |  |  |  |
| Adequacy of figures and tables |  |  |  |  |  |  |
| The references are recent and adequate |  |  |  |  |  |  |
| References are correctly cited within the manuscript text |  |  |  |  |  |  |

**Reviewer’s Recommendation to Editor** (Please mark “x” for the appropriate option)

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| (x) Excellent, accept the submission |
| ( ) Good, accept the submission with minor revisions required |
| ( ) Acceptable, revisions required |
| ( ) Resubmit for review, major revisions required |
| ( ) Decline the submission |

Editorial Comments to the authors (if any)

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| **Strengths**(1) This article presents the constructive solution and the operating principle for a rotating machine with two specially profiled rotors. (2) Novel contribution: It can function as a power machine (internal combustion engine). (3) The paper is prepared with state-of-the-art assessments.(4) No major grammatical errors are found.(5) The concept and novelty are sound enough.(6) The paper length is adequate.(7) The organization of the paper is excellent.(8) References are recent. |
| **Weaknesses**(1) Not Applicable. |
| **Suggestions to Author/s**(1) Paper can be acceptable in its present form. |

**Editor’s Decision to author/s**

Accept as it is