# Technical Newsletter

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# 1 / 1

## Request for Checking the Equipment Exhaust Duct Flow Rate

### Introduction

This document is to notify you of the exhaust duct flow rate as an important point to allow using the DISCO dicer in a good condition for a long time.

The details will be explained below and we would appreciate your cooperation.

### Applicable Models

All dicer models

### Problems caused by Insufficient Exhaust Duct Flow Rate

We have received the following dicer problem reports due to insufficient exhaust duct flow rate.

- Mist or splashing that could not be discharged from the exhaust duct entered into the equipment (e.g., mechanism, such as the axial unit). This accelerated mechanical wear so that the components prematurely deteriorated.
- Mist or splashing that entered into the equipment adhered onto electrical parts, such as the boards, which caused machine failure.

### Request for Maintaining the Exhaust Flow Rate

In order to prevent the above-mentioned problems, please check the flow rate of the exhaust duct and confirm that it meets or exceeds the specified level. The specification of the exhaust flow rate differs depending on the model and specification. For details, please refer to the Installation Manual.

Below table shows the recommended exhaust duct flow rates in the standard specifications.

| Duct Exhaust | Model Name |
|---|---|
| 1.5 $m^3$/min | DAD3220<br>DAD321, DAD322, DAC351, DAD361 |
| 2.5 $m^3$/min | DAD3230, DAD3430, DAD3650<br>DAD342 |
| 2.5 to 5 $m^3$/min | DAD522, DAC552, DAD562 |
| 3.0 $m^3$/min | DAD641, DAD651, DAD681, DAD691, DAD685, EAD685, DAD695, EAD695 |
| 5.0 $m^3$/min | DAD3350<br>DAD341, DAD381<br>DFD6240, DFD6340, DFD6360A, DFD6360, DFD6350, DFD6361, DFD6362, DFD6450 DAD6450, EAD6750<br>DFD641, DFD651, DFD681, DFD691 |

### For Inquires

If you have any questions or comments on this matter, please contact your DISCO sales representative or service staff.

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