

Notice Regarding Water Quality of Supply Water for 3.7 kW Vacuum Unit

Introduction

There was a case where using deionized water to supply water to the 3.7 kW vacuum unit that is mainly connected to DFD6755 and DFD6750 damaged the pump inside the unit and caused water to leak.

If deionized water is used, the parts inside the pump may wear quickly and the life of the 3.7 kW vacuum unit may be significantly shortened. Please use city water or tap water for the supplied water, and not deionized water.

In addition, please confirm that the supply water to be used meets the water quality criteria specified in the manual.

If supplying deionized water because city water or tap water cannot be used:

The parts must be changed to a specification that is compatible with deionized water. Please refer to the explanation below.

3.7 kW vacuum unit, pump and mechanical seal compatible with deionized water

We have been selling 3.7 kW vacuum units compatible with deionized water since August 2023.

Even if a 3.7 kW vacuum unit compatible with city water or tap water is used, deionized water can be used as the supply water by replacing the pump or mechanical seal with ones that are compatible with deionized water, as listed below. For details, please consult your DISCO sales representative.

【200V】 Specifications compatible with city water, tap water and deionized water

Item	DISCO Part ID	Qty.
3.7 kW vacuum unit main body	VACUUM PUMP UNIT (DIW, 3.7 kW × 2) FLPN-010004-0	1
Pump (part only)	PUMP (VACUUM) LKUN-010071-0	2
Mechanical seal	MAINTENANCE PARTS (3.7kW, PUMP) LLPN-510028-0	2

【400V】 Specifications compatible with city water, tap water and deionized water


Item	DISCO Part ID	Qty.
3.7 kW vacuum unit main body	VACUUM PUMP UNIT (DIW, 3.7 kW × 2) FLPN-010005-0	1
Pump (part only)	PUMP (VACUUM) LLPN-010120-0	2
Mechanical seal	MAINTENANCE PARTS (3.7kW, PUMP) LLPN-510028-0	2

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Reference information: Specifications compatible with city water and tap water

Appearance	
Main dimensions	853 W × 603 D × 581 H mm (protrusions excluded)
Parts No.	FLPN-010000-*

Inquiries

Please contact your local DISCO sales representative or DISCO customer engineer if you have any questions regarding this matter.
