

Sales and Service

Compliance with Substances Banned by the Stockholm Convention on Persistent Organic Pollutants, Dechlorane Plus

Thank you for your continued patronage of the Mitsubishi Electric AC servo system.
This document informs you of compliance with substances that were added to Annex A (Elimination) of the Stockholm Convention on Persistent Organic Pollutants.

1. Target Model

(1) At the time of the first edition

Servo amplifier and drive unit (*2)	MR-J5 series except for MR-J5-500_4_ and MR-J5-700_4_ (400 V) MR-J4 series MR-J4-70_ to MR-J4-22K_, MR-J4-DU900_ to MR-J4-DU37K_ (200 V) MR-J4-60_4_ to MR-J4-22K_4_, MR-J4-DU900_4_ to MR-J4-DU55K_4_ (400 V) MR-J4W2-22B to MR-J4W2-1010B, MR-J4W3-222B to MR-J4W3-444B MR-JET series except for MR-JET-500_4_ and MR-JET-700_4_ (400 V) MR-JE series
Converter unit	MR-CV11K to MR-CV55K, MR-CV11K4 to MR-CV75K4, MR-CR55K, MR-CR55K4
Encoder cable	MR-J3JSCBL03M-A_-L, MR-J3ENSCBL_M-H, MR-J3ENSCBL_M-L (*3)
Connector set	MR-J3DDCNS, MR-J3DDSPS
Absolute position storage unit	MR-BTAS01
Sensing module	MR-MT2100, MR-MT2200
Servo motor	HG-KR23B_ to HG-KR43B_, HG-MR23B_ to HG-MR43B_ HG-SR_B_, HG-RR_B_, HG-UR_B_, HG-AK_B_, HG-JR_B_ HG-JR15K1_ to HG-JR37K1_, HG-JR22K1M_ to HG-JR55K1M_, HG-JR110K24_ to HG-JR220K24_ HG-KN23B_ to HG-KN43B_, HG-SN_B_, HG-KNS23B_ to HG-KNS43B_, HG-SNS_B_ HK-KT23_B_ to HK-KT203_B_, HK-MT23_B_ to HK-MT103_B_ HK-ST_B_, HK-RT_B_
Direct drive motor	TM-RFM_, TM-RG2M_, TM-RU2M_

*1. Products derived from the above models are also subject to the change.

*2. MR-J5W_- and MR-J5D_- of the MR-J5 series are also subject to the change.

The following servo amplifiers do not contain Dechlorane Plus and are not subject to the change.

MR-J5 series: MR-J5-500_4_ and MR-J5-700_4_

MR-J4 series: MR-J4-03A6_,

MR-J4-10_1_ to MR-J4-40_1_ (100 V),

MR-J4-10_ to MR-J4-60_ (200 V),

MR-J4W2-0303B6

MR-JET series: MR-JET-500_4_ and MR-JET-700_4_

MR-JN series

*3. MR-J3JCBLO3M-A_-L, MR-J3ENCBL_M-A_-H, and MR-J3ENCBL_M-A_-L do not contain Dechlorane Plus and are not subject to the change.

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(2) Added

Protection coordination cable	MR-ACDL_M, MR-ADDL02M, MR-CUL06M, MR-J3CDL05M
Encoder cable	MR-ENECBL_M-H(-MTH), MR-ESCBL_M-H, MR-ESCBL_M-L, MR-J3CH00
Junction cable for RS-232C	MR-J4T20CH00

2. Reason for the Change

On February 26, 2024, the Secretary-General of the United Nations notified UN member states that three substances (Dechlorane Plus, UV-328, and methoxychlor) were added to Annex A (Elimination) of the Stockholm Convention on Persistent Organic Pollutants. The contracting parties to the Convention are required to incorporate the content and commencement date of the regulation into laws and regulations of each party within one year of the notification of the United Nations. (However, as of June 16, 2025, the Official Journal of the European Union has not yet published the regulation commencement in Europe.)

If the products that contain the above three substances are regulated by laws and regulations of each party, those products cannot be distributed and sold after launch. Thus, the use of parts that contain Dechlorane Plus will be discontinued to comply with the above regulation. For our products in production, there are no relevant models containing UV-328 and methoxychlor.

3. Details of the Change

The parts of servo amplifiers/servo motors that contain Dechlorane Plus will be changed to parts that do not contain this substance. There is no impact on the general specifications, performance specifications, functions, and dimensions of products due to the change.

4. Schedule

(1) Target models at the time of the first edition

The implementation of these changes was fully completed by production of January 2025.

(2) Added target models

This change will be applied sequentially to the target models manufactured in June 2025 or later.

Please contact your local sales office to check whether the product is before or after the change.

5. Precautions

When exporting the relevant models or the equipment with the relevant models, comply with the laws and regulations of each country regarding the Convention.

Revision

Version	Date of issue	Revision
A	July 2025	Added the target models and the status of the Official Journal of the European Union. Updated the schedule.