

Sales and Service

Change of the Altitude Value in the Catalog and Instruction Manuals for MR-J4 Series General-Purpose AC Servo Amplifiers and AC Servo Motors

Thank you for your continued patronage of the Mitsubishi general-purpose AC servo and FA products. We will partially change the description of the use environment in the catalog and instruction manuals for MR-J4 series general-purpose AC servo amplifiers and AC servo motors. We ask for your understanding in this matter.

1. Target Models

- General-purpose AC servo amplifier: MR-J4 series
 - AC servo motor: HG-KR, HG-MR, HG-SR, HG-JR, HG-RR, HG-UR series (except HG-AK series)
- For the altitude value for use in combination with an option, contact your local Mitsubishi representative.

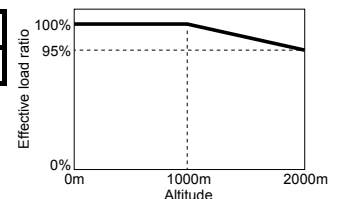
2. Applicable Documents

【Catalog】 MITSUBISHI SERVO AMPLIFIERS & MOTORS MELSERVO-J4
 【Instruction manual】 MR-J4 Series Servo Amplifier Instruction Manuals, Servo Motor Instruction Manuals

3. Details of the Change

The altitude value described in the catalog and instruction manuals is changed as shown below. This change is made to the description of the use environment in the catalog and instruction manuals, and does not affect the performance of the servo amplifier and servo motor.

		Before change	After change
Environment	Altitude	1000 m or less above sea level	2000 m or less above sea level



For use at an altitude of more than 1000 m above sea level, consider the following points.

- (1) Reduction in heat dissipation
 Heat dissipation decreases in proportion to air density. At an altitude of more than 1000 m and of 2000 m or less above sea level, use our product within the range of the effective load ratio as shown in the right figure.
- (2) Reduction in withstand voltage
 The MR-J4 series servo amplifiers and servo motors have a withstand voltage conforming to the environment at an altitude of 2000 m. Limiting the input power supply voltage is unnecessary.
- (3) Replacement cycle of consumable parts
 - Smoothing capacitor
 To ensure a lifespan of 10 years for use at an altitude of more than 1000 m and of 2000 m or less above sea level, use a smoothing capacitor at an ambient temperature of 30°C or less.
 - Relay parts and the servo amplifier cooling fan
 There is no constraint on use at an altitude of more than 1000 m and of 2000 m or less above sea level.

4. Schedule

This change will be made sequentially to the catalog and instruction manuals revised in June 2015 and later.

Date of issue		Title	
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