

Measures for dew condensation (dehumidification)

ROSAHL

Electrolysis type

General dehumidifying element [M-series]

Features

World's first electrolytic method

Energy saving

Drain less

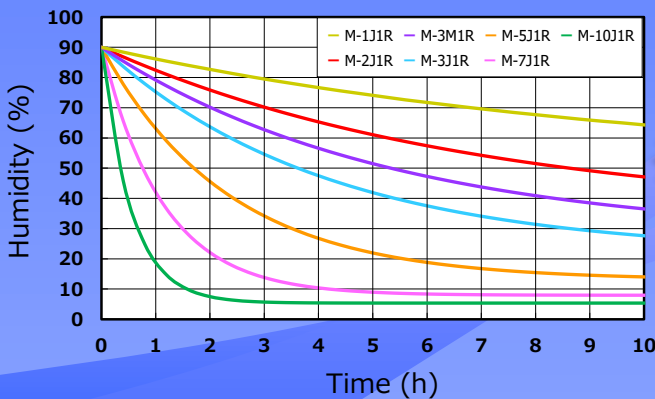
Noiseless

Easy to install

New Product! : M-1J1R
(Dehumidifying capacity is half of M-2J1R)

Test Data

Dehumidification characteristics (container:50L)
(at 30°C, 90%RH)



Specification

Model name	M-1J1R	M-2J1R	M-3M1R	M-3J1R	M-5J1R	M-7J1R	M-10J1R
Dehumidifying capacity (g/day) *1	1	2	2.9	4	8	16	29
Applicable volume (m ³) *2	Up to 0.125	Up to 0.25	Up to 0.35	Up to 0.5	Up to 1	Up to 2	Up to 4
Element terminal voltage (V)	3V DC						
Power consumption (W) *3	1	1.5	2	2	3	6	12
Dimensions (mm) *4	52.5×50×11.3 (52.5×50×16.5)	67.5×50×11.3 (67.5×50×16.5)	65×62×11.3 (65×62×16.5)	74×58×11.3 (74×58×16.5)	89×84×11.3 (89×84×16.5)	117×105×13.4 (117×105×17.5)	162.5×155×13.4 (162.5×155×17.5)
Weight (g)	70	85	90	95	150	340	580
Dimensions of moisture discharging hole (mm)	20×25	35×25	35×35	55×30	55×55	75×75	105×105
Operating temperature (°C)	-10 to 50						
Element connecting terminal type	(+) side : TMEDN-480509-FA (Nichifu Terminal Industries Co.,Ltd) or equivalent (-) side : TMEDN-630809-FA (Nichifu Terminal Industries Co.,Ltd) or equivalent						

- Notes *1 The initial value at the temperature of 30°C and humidity of 60%.
(The dehumidifying capacity will degrade during use. How much it degrades depends on the operating environment and conditions. If any signs of abnormality are seen, early replacement is recommended.)
- *2 The applicable volume is for a sealed, moisture-impermeable container, and may vary depending on the material of the container, state of sealing and required humidity.
- *3 The annual average power consumption in average conditions in Japan.
- *4 Height × Width × Depth. The values in parentheses are the dimensions, including the electrode plate.



RYOSAI TECHNICA CO., LTD.