

To Sanyo Denki America Cooling Distributors**SANYO DENKI**

March 22nd, 2018

SANYO DENKI CO., LTD.

DESIGN DEPT.

COOLING SYSTEMS DIV.

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Cooling Systems Division

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Notice of Discontinuation Products

In accordance with the revision of the EU RoHS Directive, four phthalate substances that are prohibited to use from July 22, 2019 are contained in some splash proof fans (molding material) of our products. As for some our products, the product age is old and the production equipment and dies are getting older. Therefore, there are products that have become difficult to continue production. In addition, there are products that are in a state where it is difficult to invest new equipment due to a decrease in demand, and some production parts are discontinued, and it is difficult to continue to produce these products in the future. For these reasons, we would kindly like you to accept to stop our production regarding the model described in the separate sheet. Also, we could propose alternate models in separate sheet for some models, please consider changing to alternative models as well. If you need drawings, materials, etc., please contact our sales department. Therefore, if you plan to use the applied model in the future, please inform us of the required quantity for the last order by the following date. We appreciate your understanding and cooperation.

Thank you.

Attached data: (1) List of Discontinuation Models
(2) List of Alternate Models for Standard Models

Date of last order: June 1st, 2018Date of last shipment: June 25th, 2019

Issued By



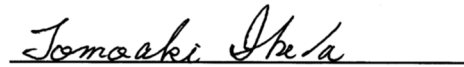
Toshiyuki Nakamura

Design Engineer

Cooling Systems Division

Design Department

Approved By



Tomoaki Ikeda

Department Manager

Chief Engineer

Cooling Systems Division

Design Department

(1) List of Discontinuation Models

80x25mm (9W type)
109W0812F4**
109W0812H4**
109W0812H4H**
109W0812L4**
109W0812M4**
109W0824F4**
109W0824H4**
109W0824L**
109W0824M**
109W0848H**

92x25mm (9W type)
109W0912F4**
109W0912H4**
109W0912L4**
109W0912M4**
109W0924F4**
109W0924H4**
109W0924L4**
109W0924M4**
109W0948H4**

120x38mm (9W type)
109W1212H1**
109W1212M1**
109W1221H1**
109W1224H1**
109W1224H1H**
109W1224M1**
109W1224T1H**
109W1248H1**
109W1248M1**
109W1248MP1**
109W1248V1H**

140x38mm (9W type)
109W1412H1**
109W1412M1**
109W1424H1**
109W1424M1**
109W1448H1**
109W1448M1**

140x51mm (9W type)
109W1412H5**
109W1412M5**
109W1424H5**
109W1424M5**
109W1448F5**
109W1448H5**
109W1448HM5**
109W1448M5**
109W1448MH5**
109W1448V5H**

140x51mm (9WB type)
9WB1412H5**
9WB1412M5**
9WB1412S5**
9WB1424H5**
9WB1424M5**
9WB1424S5**
9WB1448CM5**
9WB1448H5**
9WB1448S5**

(2) List of Alternate Models for Standard Models

(*) Please contact Sanyo Denki America for custom models' alternatives.

Discontinuation Model	Size	Type	Description	Sensor / Control / Addl	Alternate Model
109W0812F401-U	80x25	DC	12V,Splash Proof,Rbls	Tach	9WL0812H4001
109W0812F402-U	80x25	DC	12V,Splash Proof,Rbls		9WL0812H4002
109W0812H401-U	80x25	DC	12V,Splash Proof,Rbls	Tach	9WL0812H4001
109W0812H402-U	80x25	DC	12V,Splash Proof,Rbls		9WL0812H4002
109W0812H4D01-U	80x25	DC	12V,Splash Proof,Rbls	LckRtrSns	Call factory
109W0812L401-U	80x25	DC	12V,Splash Proof,Rbls	Tach	Call factory
109W0812L402-U	80x25	DC	12V,Splash Proof,Rbls		Call factory
109W0812M401-U	80x25	DC	12V,Splash Proof,Rbls	Tach	Call factory
109W0812M402-U	80x25	DC	12V,Splash Proof,Rbls		Call factory
109W0824F401-U	80x25	DC	24V,Splash Proof,Rbls	Tach	9WL0824H4001
109W0824F402-U	80x25	DC	24V,Splash Proof,Rbls		9WL0824H4002
109W0824H401-U	80x25	DC	24V,Splash Proof,Rbls	Tach	9WL0824H4001
109W0824H402-U	80x25	DC	24V,Splash Proof,Rbls		9WL0824H4002
109W0824H4D01-U	80x25	DC	24V,Splash Proof,Rbls	LckRtrSns	Call factory
109W0824L401-U	80x25	DC	24V,Splash Proof,Rbls	Tach	Call factory
109W0824L402-U	80x25	DC	24V,Splash Proof,Rbls		Call factory
109W0824L4D01-U	80x25	DC	24V,Splash Proof,Rbls	LckRtrSns	Call factory
109W0824M401-U	80x25	DC	24V,Splash Proof,Rbls	Tach	Call factory
109W0824M402-U	80x25	DC	24V,Splash Proof,Rbls		Call factory
109W0848H401-U	80x25	DC	48V,Splash Proof,Rbls	Tach	Call factory
109W0848H402-U	80x25	DC	48V,Splash Proof,Rbls		Call factory

Discontinuation Model	Size	Type	Description	Sensor / Control / Addl	Alternate Model
109W0912F401-U	92x25	DC	12V,Splash Proof,Rbls	Tach	9WL0912H4001
109W0912F402-U	92x25	DC	12V,Splash Proof,Rbls		9WL0912H4002
109W0912H401-U	92x25	DC	12V,Splash Proof,Rbls	Tach	9WL0912H4001
109W0912H402-U	92x25	DC	12V,Splash Proof,Rbls		9WL0912H4002
109W0912H4D01-U	92x25	DC	12V,Splash Proof,Rbls	LckRtrSns	Call factory
109W0912L401-U	92x25	DC	12V,Splash Proof,Rbls	Tach	Call factory
109W0912L402-U	92x25	DC	12V,Splash Proof,Rbls		Call factory
109W0912M401-U	92x25	DC	12V,Splash Proof,Rbls	Tach	Call factory
109W0912M402-U	92x25	DC	12V,Splash Proof,Rbls		Call factory
109W0924F401-U	92x25	DC	24V,Splash Proof,Rbls	Tach	9WL0924H4001
109W0924F402-U	92x25	DC	24V,Splash Proof,Rbls		9WL0924H4002
109W0924H401-U	92x25	DC	24V,Splash Proof,Rbls	Tach	9WL0924H4001
109W0924H402-U	92x25	DC	24V,Splash Proof,Rbls		9WL0924H4002
109W0924H4D01-U	92x25	DC	24V,Splash Proof,Rbls	LckRtrSns	Call factory
109W0924L401-U	92x25	DC	24V,Splash Proof,Rbls	Tach	Call factory
109W0924L402-U	92x25	DC	24V,Splash Proof,Rbls		Call factory
109W0924M401-U	92x25	DC	24V,Splash Proof,Rbls	Tach	Call factory
109W0924M402-U	92x25	DC	24V,Splash Proof,Rbls		Call factory
109W0924M4D01-U	92x25	DC	24V,Splash Proof,Rbls	LckRtrSns	Call factory
109W0948H401-U	92x25	DC	48V,Splash Proof,Rbls	Tach	Call factory
109W0948H402-U	92x25	DC	48V,Splash Proof,Rbls		Call factory

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Discontinuation Model	Size	Type	Description	Sensor / Control / Addl	Alternate Model
109W1212H101	120x38	DC	12V,Splash Proof,Rbls	Tach	9WG1212H101-E
109W1212H102	120x38	DC	12V,Splash Proof,Rbls		9WG1212H102-E
109W1212H1D01	120x38	DC	12V,Splash Proof,Rbls	LckRtrSns	9WG1212H1D01-E
109W1212M101	120x38	DC	12V,Splash Proof,Rbls	Tach	9WG1212M101-E
109W1212M102	120x38	DC	12V,Splash Proof,Rbls		9WG1212M102-E
109W1212M1D01	120x38	DC	12V,Splash Proof,Rbls	LckRtrSns	9WG1212M1D01-E
109W1224H101	120x38	DC	24V,Splash Proof,Rbls	Tach	9WG1224H101-E
109W1224H102	120x38	DC	24V,Splash Proof,Rbls		9WG1224H102-E
109W1224H1D01	120x38	DC	24V,Splash Proof,Rbls	LckRtrSns	9WG1224H1D01-E
109W1224H1H01	120x38	DC	24V,Splash Proof,Rbls	Low Speed Sns	Call factory
109W1224M101	120x38	DC	24V,Splash Proof,Rbls	Tach	9WG1224M101-E
109W1224M102	120x38	DC	24V,Splash Proof,Rbls		9WG1224M102-E
109W1224M1D01	120x38	DC	24V,Splash Proof,Rbls	LckRtrSns	9WG1224M1D01-E
109W1248H101	120x38	DC	48V,Splash Proof,Rbls	Tach	9WG1248H101-E
109W1248H102	120x38	DC	48V,Splash Proof,Rbls		9WG1248H102-E
109W1248H1D01	120x38	DC	48V,Splash Proof,Rbls	LckRtrSns	9WG1248H1D01-E
109W1248H1E01	120x38	DC	48V,Splash Proof,Rbls	ReverseLckSns	Call factory
109W1248M101	120x38	DC	48V,Splash Proof,Rbls	Tach	9WG1248M101-E
109W1248M102	120x38	DC	48V,Splash Proof,Rbls		9WG1248M102-E
109W1248M1D01	120x38	DC	48V,Splash Proof,Rbls	LckRtrSns	9WG1248M1D01-E

Discontinuation Model	Size	Type	Description	Sensor / Control / Addl	Alternate Model
109W1412H101-U	140x38	DC	12V,Splash Proof,Rbls	Tach	9WL1412M1001
109W1412H102-U	140x38	DC	12V,Splash Proof,Rbls		9WL1412M1002
109W1412M101-U	140x38	DC	12V,Splash Proof,Rbls	Tach	9WL1412M1001
109W1412M102-U	140x38	DC	12V,Splash Proof,Rbls		9WL1412M1002
109W1424H101-U	140x38	DC	24V,Splash Proof,Rbls	Tach	9WL1424M1001
109W1424H102-U	140x38	DC	24V,Splash Proof,Rbls		9WL1424M1002
109W1424M101-U	140x38	DC	24V,Splash Proof,Rbls	Tach	9WL1424M1001
109W1424M102-U	140x38	DC	24V,Splash Proof,Rbls		9WL1424M1002
109W1448H101-U	140x38	DC	48V,Splash Proof,Rbls	Tach	9WL1448M1001
109W1448H102-U	140x38	DC	48V,Splash Proof,Rbls		9WL1448M1002
109W1448H1D01-U	140x38	DC	48V,Splash Proof,Rbls	LckRtrSns	Call factory
109W1448M101-U	140x38	DC	48V,Splash Proof,Rbls	Tach	Call factory
109W1448M102-U	140x38	DC	48V,Splash Proof,Rbls		Call factory

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Discontinuation Model	Size	Type	Description	Sensor / Control / Addl	Alternate Model
109W1412H501	140x51	DC	12V,Splash Proof,Rbls	Tach	9WL1412H5001
109W1412H502	140x51	DC	12V,Splash Proof,Rbls		9WL1412H5002
109W1412H5D01	140x51	DC	12V,Splash Proof,Rbls	LckRtrSns	Call factory
109W1412M501	140x51	DC	12V,Splash Proof,Rbls	Tach	Call factory
109W1412M502	140x51	DC	12V,Splash Proof,Rbls		Call factory
109W1424H501	140x51	DC	24V,Splash Proof,Rbls	Tach	9WL1424H5001
109W1424H502	140x51	DC	24V,Splash Proof,Rbls		9WL1424H5002
109W1424H5D01	140x51	DC	24V,Splash Proof,Rbls	LckRtrSns	Call factory
109W1424M501	140x51	DC	24V,Splash Proof,Rbls	Tach	Call factory
109W1424M502	140x51	DC	24V,Splash Proof,Rbls		Call factory
109W1424M5D01	140x51	DC	24V,Splash Proof,Rbls	LckRtrSns	Call factory
109W1448F5D01	140x51	DC	48V,Splash Proof,Rbls	LckRtrSns	Call factory
109W1448H501	140x51	DC	48V,Splash Proof,Rbls	Tach	9WL1448H5001
109W1448H502	140x51	DC	48V,Splash Proof,Rbls		9WL1448H5002
109W1448H5D01	140x51	DC	48V,Splash Proof,Rbls	LckRtrSns	Call factory
109W1448HM501	140x51	DC	48V,Splash Proof,Rbls		Call factory
109W1448M501	140x51	DC	48V,Splash Proof,Rbls	Tach	Call factory
109W1448M502	140x51	DC	48V,Splash Proof,Rbls		Call factory
109W1448M5D01	140x51	DC	48V,Splash Proof,Rbls	LckRtrSns	Call factory
109W1448MH501	140x51	DC	48V,Splash Proof,Rbls		Call factory

Discontinuation Model	Size	Type	Description	Sensor / Control / Addl	Alternate Model
9WB1412H501	140x51	DC	12V,Splash Proof,Rbls	Tach	9WL1412H5001
9WB1412H502	140x51	DC	12V,Splash Proof,Rbls		9WL1412H5002
9WB1412M502	140x51	DC	12V,Splash Proof,Rbls		Call factory
9WB1412M5D01	140x51	DC	12V,Splash Proof,Rbls	LckRtrSns	Call factory
9WB1412S501	140x51	DC	12V,Splash Proof,Rbls	Tach	Call factory
9WB1412S502	140x51	DC	12V,Splash Proof,Rbls		Call factory
9WB1424H501	140x51	DC	24V,Splash Proof,Rbls	Tach	9WL1424H5001
9WB1424H502	140x51	DC	24V,Splash Proof,Rbls		9WL1424H5002
9WB1424M501	140x51	DC	24V,Splash Proof,Rbls		Call factory
9WB1424M502	140x51	DC	24V,Splash Proof,Rbls		Call factory
9WB1448H502	140x51	DC	48V,Splash Proof,Rbls		9WL1448H5002
9WB1448S501	140x51	DC	48V,Splash Proof,Rbls	Tach	Call factory
9WB1448S502	140x51	DC	48V,Splash Proof,Rbls		Call factory