

# Doc DM103

## Pro-Series S3VT Valve Configuration Guide

### *Kits and Products for Every Type of RV Application*

- ✓ *Single Tank – Pg. 2 & 3*
- ✓ *Dual Tanks – Pg. 4 to 7*
- ✓ *Triple Tanks – Pg. 8, 9 & 10*
- ✓ *Replacement & Accessory Items – Pg. 11 to 17*
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# S3VT Starter Kit

# DM PN 6000-DM20-S3VT

Provides everything to install 1 Valve on 1 tank and operate from 1 Single Switch

1 x S3VT Pro-Series Valve  
PN 6009-DM10-S3VT



Set of Seals, Lube & Hard Ware



1 x Single Switch  
(Carlingtech)  
PN 5787- DM30- SVT



BLACK  
GRAY

1x IP66-2, Interface Cable,  
20 Ft, PN 5955-IP66-20



# Pre-Configured S3VT Kit

# DM PN 6001-DM20-S3VT

Provides everything to install 1 Valve on 1 tank and operate from 2 Single Switches

1 x S3VT Pro-Series Valve  
PN 6009-DM10-S3VT



Set of Seals, Lube & Hard Ware



2 x Single Switches  
(Carlingtech)  
PN 5787- DM30- SVT



2 x IP66-2, Interface Cable, 20Ft. PN 5955-IP66-20



# Pre-Configured S3VT Kit

# DM PN 6002-DM20-S3VT-Q2-DSP

Provides everything to install 2 Valves on 2 tanks and operate from a Double Switch Panel



2 x S3VT  
Pro-Series Valves  
PN 6009-DM10-S3VT

2 Sets of Seals, Lube & Hard Ware

1 x Double switch Panel  
PN 5847- RV Dbl Sw Pnl



2 x IP66-2, Interface  
Cables, 20 Ft.  
PN 5955-IP66-20





# Pre-Configured S3VT Kit

# DM PN 6003-DM40-S3VT-2CT-1 DSP

**Provides everything to install 2 Valves on 2 tanks and operate from 1 Double Switch Panel and 2 Single Switches**

2 x S3VT  
Pro-Series Valves  
PN 6009-DM10-S3VT



2 Sets of Seals, Lube & Hard Ware

2 x Single  
Switches  
(Carlingtech)  
PN 5787- DM30- SVT



1 x Double Switch Panel  
PN 5847- RV Dbl Sw Pnl



4 x IP66-2, Interface Cables, 20Ft. PN 5955-IP66-20



# Pre-Configured S3VT Kit

# DM PN 6004-DM40-S3VT-2DSP

Provides everything to install 2 Valves on 2 tanks and operate from 2 Double Switch Panels



2 x S3VT  
Pro-Series Valves  
PN 6009-DM10-S3VT



2 Sets of Seals, Lube & Hard Ware



2 x Double Switch Panels PN 5847- RV Dbl Sw Pnl



4 x IP66-2, Interface Cables, 20 Ft. PN 5955-IP66-20



# Pre-Configured S3VT Kit

# DM PN 6005-DM40-S3VT-4CT

**Provides everything to install 2 Valves on 2 tanks and operate from 4 Single Switches**



**2 x S3VT  
Pro-Series Valves  
PN 6009-DM10-S2VT**



**2 Sets of Seals, Lube & Hard Ware**



**4 x Single Switches (Carlingtech)  
PN 5787- DM30- SVT**



**4 x IP66-2, Interface Cables, 20 Ft. PN 5955-IP66-20**





# Pre-Configured S3VT Kit

# DM PN 6006-DM40-S3VT-6CT

Provides everything to install 3 Valves on 3 tanks and operate from 6 Single Switches



3 x S3VT  
Pro-Series Valves  
PN 6009-DM10-S3VT

3 Sets of Seals, Lube & Hard Ware

6 x IP66-2, Interface Cables,  
20 Ft. PN 5955-IP66-20



6 x Single Switches (Carlingtech) PN 5787- DM30- SVT





# Pre-Configured S3VT Kit

# DM PN 6007-DM40-S3VT-2DSP-4CT

**Provides everything to install 3 Valves on 3 tanks and operate from 2 Double Switch Panels and 2 Single Switches**



**3 x S3VT  
Pro-Series Valves  
PN 6009-DM10-S3VT**



**3 Sets of Seals, Lube & Hard Ware**

**6 x IP66-2, Interface Cables,  
20 Ft. PN 5955-IP66-20**



**2 x Single Switches  
(Carlingtech)  
PN 5787- DM30- SVT**



**2 x Double Switch Panels PN 5847- RV Dbl Sw Pnl**



# Pre-Configured S3VT Kit

# DM PN 6008-DM40-S3VT-2DSP-1CT

**Provides everything to install 3 Valves on 3 tanks and operate from 2 Double Switch Panels and 1 Single Switches**



**3 x S3VT  
Pro-Series Valves  
PN 6009-DM10-S3VT**

**3 Sets of Seals, Lube & Hard Ware**

**5 x IP66-2, Interface Cables,  
20 Ft. PN 5955-IP66-20**



**BLACK  
GRAY  
GALLEY**

**1 x Single Switch  
(Carlingtech)  
PN 5787- DM30- SVT**



**2 x Double Switch Panels PN 5847- RV Dbl Sw Pnl**



# S3VT Replacement Valve DM PN 6009-DM10-S3VT

1 x S3VT  
Pro-Series Valve



Set of Seals, Lube & Hard Ware





**S3VT IP66-2 Cable Assembly, 20 Ft DM PN 5955-IP66-20' Rnd. Cable**  
**Interface cable, IP 66 compliant when mated with male, Molded connector**



***Compatible with:***

1. **S3VT Pro Series valves**  
**PN 6009-DM10-S3VT**
2. **Single Switch**  
**PN 5787 – DM30 – SVT**

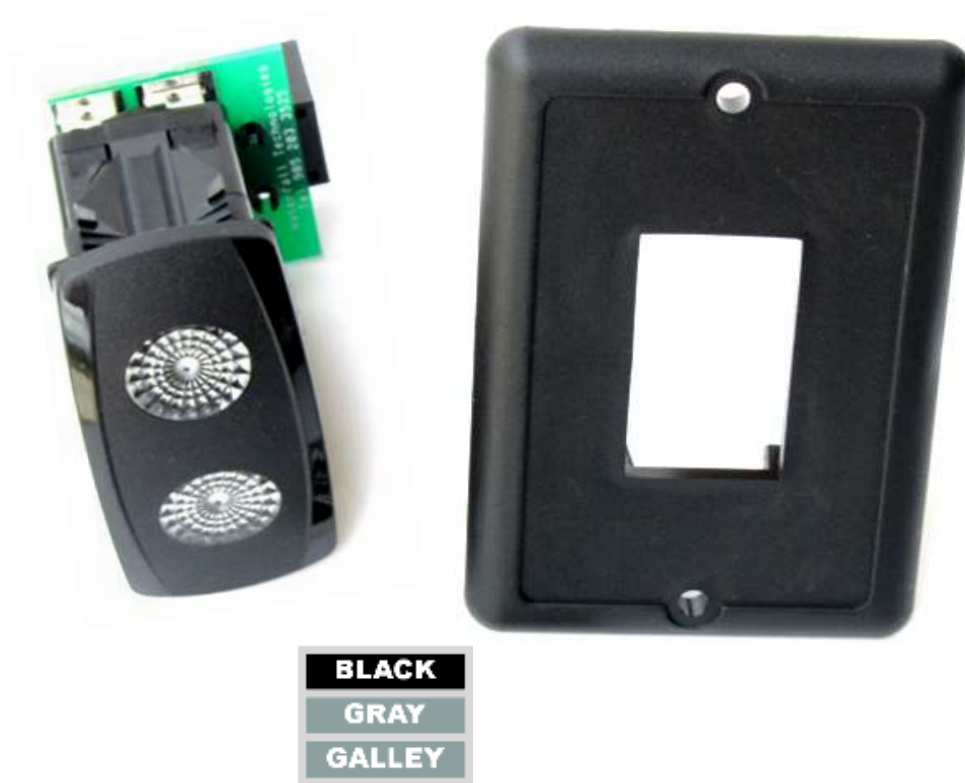
***Note:***

**IP66-2 Cables are for use only with S3VT products; NOT interchangeable with S2VT IP66 cables**



## Single Switch DM PN 5787 – DM30 – SVT

Single Switch (Carlingtech), Sealed IP 66, Rocker, 2 Lens, Red and Green LED comes with dress plate (for optional mounting method)



### *Compatible with:*

1. All Pro Series valves  
PN 6009-DM10-S3VT  
PN 5878-DM20-S2VT
2. IP66-2 and IP-66 Cables  
PN 5955-IP66-20' Rnd.  
Cable Ass  
PN 5846-IP66-20' Rnd.  
Cable Ass.



Double Switch Panel with 'Black' and 'Gray' graphics, UV and wear resistant, 2 switches with Red and Green LEDs



***Compatible with:***

1. All Pro Series valves  
PN 6009-DM10-S3VT  
PN 5878-DM20-S2VT
2. IP66-2 and IP-66 Cables  
PN 5955-IP66-20' Rnd.  
Cable Ass  
PN 5846-IP66-20' Rnd.  
Cable Ass.





## System Master Switch

5890-DM30-20Amp SW

Custom built for DM, 12 VDC, 20 Amp, Rocker switch, single lens, size and style matches DM PN 5787 – DM30 – SVT switch.

Bright Red LED lights up when switch is turned ON



*Optional (recommended)  
accessory for all Pro-Series  
Valve Kits*



**Fuse Holder**

**PN: 5891-DM-Fuse Holder**

**Inline Fuse holder for 12 V DC Power, accepts 6.3mm x 30 mm fuse**



***Recommended accessory for all Pro-Series Valve Kits***

***If installed, requires Fuse***

***PN 5892-DM-Glass Fuse-FB-5 , -10, -15***



**Fuse, for inline fuse holder PN 5892-DM-Glass Fuse-FB-5 , -10, -15  
6.3mm x 30 mm glass fuse, Fast Blow, 5 Amp, 10 Amp, or 15 Amp rating**



***Required if PN 5891-DM-Fuse Holder  
is installed***

***For Fuse rating refer to:  
DM104 S3VT 12V DC Wiring Diagram***





# S2VT ↔ S3VT PN Cross Reference Table

S2VT Family PN	S3VT Family PN	S3VT Family Kit Configuration or Item Description
5885-DM20-S2VT	6000-DM20-S3VT	1xS3VT Pro-Series Valve + 1xCarlingtech Switch + 1xIP66-2 cable
5880-DM40-S2VT-Q1	6001-DM40-S3VT-Q1	1xS3VT Pro-Series Valve + 2xCarlingtech Switches + 2xIP66-2 cable
5886-DM20-S2VT-Q2	6002-DM20-S3VT-Q2-DSP	2xS3VT Pro-Series Valve + 1xDouble Switch Panel + 2xIP66-2 cable
5879-DM40-S2VT-2CT-1DSP	6003-DM40-S3VT-2CT-1 DSP	2xS3VT Pro-Series Valve + 2xCarlingtech Switches + 1xDbl Sw. Panel + 4xIP66-2 cable
5908-DM40-S2VT- 2DSP	6004-DM40-S3VT-2DSP	2xS3VT Pro-Series Valve + 2xDouble Switch Panel + 4xIP66-2 cable
5909-DM40-S2VT- 4CT	6005-DM40-S3VT-4CT	2xS3VT Pro-Series Valve + 4xCarlingtech Switches + 4xIP66-2 cable
5932-DM40-S2VT- 6CT	6006-DM40-S3VT-6CT	3xS3VT Pro-Series Valve + 6xCarlingtech Switches + 6xIP66-2 cable
5933-DM40-S2VT- 2DSP-2CT	6007-DM40-S3VT-2DSP-2CT	3xS3VT Pro-Series Valve + 2xDbl Sw. Panel + 2xCarlingtech Switches + 6xIP66-2 cables
5934-DM40-S2VT- 2DSP-1CT	6008-DM40-S3VT-2DSP-1CT	3xS3VT Pro-Series Valve + 2xDbl Sw. Panel + 1xCarlingtech Switches + 5xIP66-2 cable
5878-DM20-S2VT	6009-DM10-S3VT	1xS3VT Pro-Series Valve
5846-IP66 20' Rnd. Cable	5955-IP66-20' Rnd. Cable	S3VT IP66-2 Cable Assembly, 20 Ft

ITEMS NOT CHANGED and are CROSS COMPATIBLE WITH ALL PRO -SERIES	
PN 5787 – DM30 – SVT	Single Switch, IP66, Carlingtech, Exterior (-EXT) and Interior (- INT) brightness options - user specified at check out
5847- RV Dbl SW PNL	Double Switch Panel; 2 switches with Red and Green LEDs, Digitally imaged, color legends and outlines
5890-DM30-20Amp SW	System Master Switch
5891-DM-Fuse Holder	5891-DM-Fuse Holder
5892-DM-Glass Fuse-FB-5	5 Amp fast blow fuse for use with Pro-Series Valves
5892-DM-Glass Fuse-FB-10	10 Amp fast blow fuse for use with Pro-Series Valves
5892-DM-Glass Fuse-FB-15	15 Amp fast blow fuse for use with Pro-Series Valves



# DM103 - S3VT Configuration guide

Download or view S3VT companion documents in PDF format from 'Product Manuals' at our website. S3VT is an upgraded product using newer style molded IP66 connectors and improved, more flexible cabling.

- DM101 S3VT Valve Installation
- DM102 S3VT Operating Switch and Cable Installation
- DM104 S3VT 12V DC Wiring Diagram
- DM106 S3VT System Master Switch Installation
- DM107 S3VT Pro Series Valve Product and Mounting Space Dimensions

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