

# Tech Note

## Danfoss Comfort Controls

2006-09-05

### Changes to Danfoss ASV, MSV, USV and MTCV Valves

To optimize production of ASV, MSV and USV valve type at Danfoss Trata, a change has been implemented in production.

In the future the date marking and the flow direction arrow will be printed with ink-jet print on the valve house side (see picture).

**Old marking**



**New marking**



### Affected code numbers

The change will influence following code numbers:

Type	Material	Description
ASV-PV	003L7601	ASV-PV DN15 INTERNAL THREAD
	003L7602	ASV-PV DN20 INTERNAL THREAD
	003L7603	ASV-PV DN 25 INTERNAL THREAD
	003L7604	ASV-PV DN 32 INTERNAL THREAD
	003L7605	ASV-PV DN40 INTERNAL THREAD
	003L7606	ASV-PV DN 15 EXTERNAL THREAD
	003L7607	ASV-PV DN 20 EXTERNAL THREAD
	003L7608	ASV-PV DN 25 EXTERNAL THREAD
	003L7609	ASV-PV DN 32 EXTERNAL THREAD
	003L7610	ASV-PV DN40 EXT. THR.
	003L7611	ASV-PV plus 15,R 1/2", PN 16
	003L7612	ASV-PV plus 20,R 3/4", PN 16
	003L7613	ASV-PV plus 25,R 1", PN 16
	003L7614	ASV-PV plus 32,R 5/4", PN 16
	003L7615	ASV-PV plus 40, R 3/2", PN16
ASV-P	003L7621	ASV-P DN 15 INTERNAL THREAD
	003L7622	ASV-P DN 20 INTERNAL THREAD
	003L7623	ASV-P DN 25 INTERNAL THREAD
	003L7624	ASV-P DN 32 INTERNAL THREAD
	003L7625	ASV-P DN 40 INT. THR.
	003L7626	ASV-P DN 15 EXTERNAL THREAD
	003L7627	ASV-P DN 20 EXTERNAL THREAD
	003L7628	ASV-P DN 25 EXTERNAL THREAD

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	003L7629	ASV-P DN 32 EXTERNAL THREAD
	003L7630	ASV-P DN 40 EXT. THR.
ASV-I	003L7641	ASV-I DN 15 INTERNAL THREAD
	003L7642	ASV-I DN 20 INTERNAL THREAD
	003L7643	ASV-I DN 25 INTERNAL THREAD
	003L7644	ASV-I DN 32 INTERNAL THREAD
	003L7645	ASV-I DN 40 INT. THR.
	003L7646	ASV-I DN 15 EXTERNAL THREAD
	003L7647	ASV-I DN 20 EXTERNAL THREAD
	003L7648	ASV-I DN 25 EXTERNAL THREAD
	003L7649	ASV-I DN 32 EXTERNAL THREAD
	003L7650	ASV-I DN 40 EXT. THR.
ASV-M	003L7681	ASV-M DN 15 INT. THR.
	003L7682	ASV-M DN 20 INT. THR.
	003L7683	ASV-M DN 25 INT. THR.
	003L7684	ASV-M DN 32 INT. THR.
	003L7685	ASV-M DN 40 INT. THR.
	003L7691	ASV-M DN 15 INTERNALTHREAD
	003L7692	ASV-M DN 20 INTERNAL THREAD
	003L7693	ASV-M DN 25 INTERNAL THREAD
	003L7694	ASV-M 32 INTERNAL TEREAD
	003L7695	ASV-M DN 40 INT. THR.
	003L7696	ASV-M DN 15 EXTERNALTHREAD
	003L7697	ASV-M DN 20 EXTERNALTHREAD
	003L7698	ASV-M DN 25 EXTERNALTHREAD
	003L7699	ASV-M DN 32 EXTERNALTHREAD
003L7700	ASV-M DN 40 EXT. THR.	
MSV-U	003Z2001	MSV-U 15, 1/2 NPT, PN 16
	003Z2002	MSV-U 20, 3/4 NPT, PN 16
	003Z2003	MSV-U 25, 1 NPT, PN 16
	003Z2004	MSV-U 32, 5/4 NPT, PN 16
	003Z2005	MSV-U 40, 3/2 NPT, PN 16
	003Z2006	MSV-U 50, 2 NPT, PN 16
	003Z2011	MSV-U 15, weld-end, PN 16
	003Z2012	MSV-U 20, weld-end, PN 16
	003Z2013	MSV-U 25, weld-end, PN 16
	003Z2014	MSV-U 32, weld-end, PN 16
	003Z2015	MSV-U 40, weld-end, PN 16
003Z2016	MSV-U 50, weld-end, PN 16	
MSV-M	003Z2051	MSV-M 15,R 1/2", PN 16
	003Z2052	MSV-M 20,R 3/4", PN 16
	003Z2053	MSV-M 25,R 1", PN 16
	003Z2054	MSV-M 32,R 5/4", PN 16
	003Z2055	MSV-M 40,R 3/2", PN 16
	003Z2056	MSV-M 50,R 2", PN 16
	003Z2061	MSV-M 15,G 3/4"A, PN 16
	003Z2062	MSV-M 20,G 1"A, PN 16
	003Z2063	MSV-M 25,G 5/4"A, PN 16
003Z2064	MSV-M 32,G 3/2"A, PN 16	

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	003Z2065	MSV-M 40,G 7/4"A, PN 16
	003Z2066	MSV-M 50,G 9/4"A, PN 16
MSV-I	003Z2071	MSV-I 15, R 1/2", PN16
	003Z2072	MSV-I 20,R 3/4", PN 16
	003Z2073	MSV-I 25,R 1", PN 16
	003Z2074	MSV-I 32,R 5/4", PN 16
	003Z2075	MSV-I 40,R 3/2"" , PN 16"
	003Z2076	MSV-I 50,R 2", PN 16
	003Z2081	MSV-I 15,G 3/4"A, PN 16
	003Z2082	MSV-I 20,G 1"A, PN 16
	003Z2083	MSV-I 25,G 5/4"A, PN 16
	003Z2084	MSV-I 32,G 3/2"A, PN 16
	003Z2085	MSV-I 40,G 7/4"A, PN 16
	003Z2086	MSV-I 50,G 9/4"A, PN 16
MSV-I/M	003Z2091	MSV I/M set 15, R 1/2", PN 16
	003Z2092	MSV I/M set 20, R 3/4", PN 16
	003Z2093	MSV I/M set 25, R 1", PN 16
	003Z2094	MSV I/M set 32, R 1 1/4", PN 16
	003Z2095	MSV I/M set 40, R 1 1/2", PN 16
	003Z2096	MSV I/M set 50, R 2", PN 16
USV-M	003Z2121	USV-M 15, R 1/2"" , PN16
	003Z2122	USV-M 20, R 3/4"" , PN16
	003Z2123	USV-M 25, R 1"" , PN16
	003Z2124	USV-M 32, R 1 1/4"" , PN16
	003Z2125	USV-M 40, R 1 1/2"" , PN16
	003Z2153	USV-M 50, R 2"" , PN16
	003Z2126	USV-M 15, G 3/4 A, PN16
	003Z2127	USV-M 20, G 1 A, PN16
	003Z2128	USV-M 25, G 1 1/4 A, PN16
	003Z2129	USV-M 32, G 1 1/2 A, PN16
	003Z2130	USV-M 40, G 1 3/4 A, PN16
	003Z2154	USV-M 50, G 2 1/4" A, PN16
USV-I	003Z2131	USV-I 15, R 1/2"" , PN16
	003Z2132	USV-I 20, R 3/4"" , PN16
	003Z2133	USV-I 25, R 1"" , PN16
	003Z2134	USV-I 32, R 1 1/4"" , PN16
	003Z2135	USV-I 40, R 1 1/2"" , PN16
	003Z2151	USV-I 50, R 2"" , PN16
	003Z2136	USV-I 15, G 3/4, PN16
	003Z2137	USV-I 20, G 1, PN16
	003Z2138	USV-I 25, G 1 1/4, PN16
	003Z2139	USV-I 32, G 1 1/2, PN16
	003Z2140	USV-I 40, G 1 3/4, PN16
	003Z2152	USV-I 50, G 2 1/4", PN16
USV-I/M	003Z2141	USV-I/M set 15, R 1/2"" , PN16
	003Z2142	USV-I/M set 20, R 3/4"" , PN16
	003Z2143	USV-I/M set 25, R 1"" , PN 16
	003Z2144	USV-I/M set 32, R 1 1/4"" , PN 16
	003Z2145	USV-I/M set 40, R 1 1/2"" , PN 16



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	003Z2155	USV-I/M set 50, R 2", PN 16
	003Z2146	USV-I/M set 15, G 3/4" A, PN16
	003Z2147	USV-I/M set 20, G 1" A, PN16
	003Z2148	USV-I/M set 25, G 1 1/4" A, PN 16
	003Z2149	USV-I/M set 32, G 1 1/2" A, PN 16
	003Z2150	USV-I/M set 40, G 1 3/4" A, PN 16
	003Z2160	USV-I/M set 50, G 2 1/4" A, PN 16
MTCV	003Z0510	MTCV - DVGW DN15
	003Z0558	MTCV - DVGW DN20

### Delivery

The change has already been implemented in the production at Danfoss Trata, and future deliveries to CDC will be with the new marking. Deliveries of valves with new marking will take place as soon as old stock at CDC has been used up.

### Technical support

Michael Nielsen

CD-E, Customer Support