



TÜVRheinland®

DIN CERTCO

Genau. Richtig.

CERTIFICATE

Certificate holder

Danfoss A/S
Nordborgvej 81
6430 Nordborg
DENMARK

Production facility

Silkeborg, Denmark; Sofia, Bulgaria

Product

Thermostatic radiator valves

Type, Model

See technical data sheet to the registration number
at www.dincertco.tuv.com

Identification No.

ID20

Testing basis

DIN EN 215:2019-12
CEN KEYMARK Scheme Rules for Thermostatic Radiator Valves 6th Edition (2024-05)

Mark of conformity**Registration No.**

011-6T0049

Valid until

2027-04-30

Right of use

This certificate entitles the holder to use the mark of conformity shown above in
conjunction with the specified registration number.

See annex for further information.



2025-11-28

Dr. Klaus Kock
Managing Director





ANNEX

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Certificate

011-6T0049 dated 2025-11-28

**Testing laboratory/
Inspection body**

WSPLab + Cert GmbH
Kapuzinerweg 7
70374 Stuttgart
GERMANY

Test report(s)

S 25.DAN.1556 dated 2025-11-14
S 25.DAN.1557 dated 2025-11-14



date 28.11.2025

DATASHEET

Reg. No. **011-6T0049**

(filled in by DIN CERTCO)

Thermostatic radiator valves according to DIN EN 215:2019

Certificate Holder	Danfoss A/S	ID 20
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Street, number Nordborgvej 81

Postal code / City 6430 Nordborg

Country Denmark

Manufacturing site Silkeborg, Denmark; Sofia, Bulgaria.

Head	RAS-C2 013 G 6040 RAS-C2 013 G 6031		
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Type Liquid Head with integral sensor

Hysteresis C 0,30 K Differential pressure influence *D* 0,20 K

Response time Z 22 min. Water temperature effect *W* 1,00 K

Control accuracy CA 0,60 K

Head	RTN 51 RTN 51 GB RTN 51 G		
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Type Liquid Head with integral sensor

Hysteresis C 0,70 K Differential pressure influence *D* 0,10 K

Response time Z 25 min. Water temperature effect *W* 0,60 K

Control accuracy CA 0,60 K

Head	RTN 71		
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Type Liquid Head with integral temperature selector with remote sensor

Hysteresis C 0,80 K Differential pressure influence *D* 0,10 K

Response time Z 20 min. Water temperature effect *W* 0,60 K

Control accuracy CA 0,60 K

Head	RTN 81		
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Type Liquid Head with remote sensor incorporating the selector

Hysteresis C 0,80 K Differential pressure influence *D* 0,20 K

Response time Z 30 min. Water temperature effect *W* 0,25 K

Control accuracy CA 0,60 K

In combination with:

Valve(s)	Series	Form ¹	Size	Nominal flow rate ²
1 Form: 2 Nominal flow rate $q_{n, NH}$ in kg/h:	L – Angle declared by the manufacturer	T – Straight		

Siemens [with presetting]

VEN 110	D	L	DN 10	133
VDN 110	D	T	DN 10	133
VUN 210	D	L	DN 10	136
VEN 115	D	L	DN 15	162
VDN 115	D	T	DN 15	162
VUN 215	D	L	DN 15	158
VEN 120	D	L	DN 20	218
VDN 120	D	T	DN 20	218
VEN 210	F	L	DN 10	133
VDN 210	F	T	DN 10	133
VEN 215	F	L	DN 15	162
VDN 215	F	T	DN 15	162
VEN 220	F	L	DN 20	218
VDN 220	F	T	DN 20	218
VPE110A-135	D	L	DN 10	110
VPD110A-135	D	T	DN 10	110
VPE115A-135	D	L	DN 15	110
VPD115A-135	D	T	DN 15	110
VPE120A-135	D	L	DN 20	110
VPD120A-135	D	T	DN 20	110
VPU110A-135	D	L	DN 10	110
VPU115A-135	D	L	DN 15	110
VPE210A-135	F	L	DN 10	110
VPD210A-135	F	T	DN 10	110
VPE215A-135	F	L	DN 15	110
VPD215A-135	F	T	DN 15	110
VPE220A-135	F	L	DN 20	110
VPD220A-135	F	T	DN 20	110

Siemens [fixed]

VEN 115 GB	GB	L	DN 15	127
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Head	React 015 G 3090 React 015 G 3080 React 015 G 3094 React 015 G 3098 React 015 G 3088		
Type	Liquid	Head with integral sensor	
Hysteresis C	0,20 K	Differential pressure influence D	0,10 K
Response time Z	15 min.	Water temperature effect W	0,68 K
Control accuracy CA	0,20 K		
Head	Redia 015 G 3390 Redia 015 G 3380 Redia 015 G 5120 Redia 015 G 3398 Redia 015 G 3898 Redia 015 G 3388 Redia 015 G 3396 Redia 015 G 5334 Redia 015 G 5421 Redia 015 G 5422 Redia 015 G 5423		
Type	Liquid	Head with integral sensor	
Hysteresis C	0,20 K	Differential pressure influence D	0,10 K
Response time Z	18 min.	Water temperature effect W	0,68 K
Control accuracy CA	0,20 K		
Head	Regus 015 G 3690 Regus 015 G 3698 Regus 015 G 3818 Regus 015 G 3695 Regus 015 G 3696		
Type	Liquid	Head with integral sensor	
Hysteresis C	0,20 K	Differential pressure influence D	0,10 K
Response time Z	22 min.	Water temperature effect W	0,68 K
Control accuracy CA	0,20 K		
Head	Aero 015 G 4590 Aero 015 G 4594 Aero 015 G 4580 Aero 015 G 4680 Aero 015 G 4622 Aero 015 G 4623 Aero 015 G 5205 Aero 015 G 4690 Aero 015 G 4596 Aero 015 G 5200 Aero 015 G 4595 Aero 015 G 4598		
Type	Gas	Head with integral sensor	
Hysteresis C	0,40 K	Differential pressure influence D	0,30 K
Response time Z	10 min.	Water temperature effect W	0,45 K
Control accuracy CA	0,20 K		

Head	Aero 015 G 4540 Aero 015 G 4544		
Type	Gas	Head with integral sensor	
Hysteresis C	0,40 K	Differential pressure influence <i>D</i>	0,25 K
Response time Z	12 min.	Water temperature effect <i>W</i>	0,45 K
Control accuracy CA	0,20 K		
Head	Aveo 015 G 4090 Aveo 015 G 4180 Aveo 015 G 4123 Aveo 015 G 4098		
Type	Gas	Head with integral sensor	
Hysteresis C	0,40 K	Differential pressure influence <i>D</i>	0,30 K
Response time Z	10 min.	Water temperature effect <i>W</i>	0,45 K
Control accuracy CA	0,20 K		
Head	Aveo 015 G 4040		
Type	Gas	Head with integral sensor	
Hysteresis C	0,40 K	Differential pressure influence <i>D</i>	0,30 K
Response time Z	12 min.	Water temperature effect <i>W</i>	0,45 K
Control accuracy CA	0,20 K		
Head	React 015 G 3092 React 015 G 3082		
Type	Liquid	Head with integral temperature selector with remote sensor	
Hysteresis C	0,20 K	Differential pressure influence <i>D</i>	0,10 K
Response time Z	20 min.	Water temperature effect <i>W</i>	0,40 K
Control accuracy CA	0,20 K		
Head	Redia 015 G 3392 Redia 015 G 3382		
Type	Liquid	Head with integral temperature selector with remote sensor	
Hysteresis C	0,20 K	Differential pressure influence <i>D</i>	0,10 K
Response time Z	22 min.	Water temperature effect <i>W</i>	0,40 K
Control accuracy CA	0,20 K		
Head	Aero 015 G 4592 Aero 015 G 4682 Aero 015 G 4692 Aveo 015 G 4092 Aveo 015 G 4182		
Type	Gas	Head with integral temperature selector with remote sensor	
Hysteresis C	0,40 K	Differential pressure influence <i>D</i>	0,30 K
Response time Z	10 min.	Water temperature effect <i>W</i>	0,20 K
Control accuracy CA	0,20 K		

Head		Aero 015 G 4542 Aveo 015 G 4042	
Type	Gas	Head with integral temperature selector with remote sensor	
Hysteresis C	0,40 K	Differential pressure influence D	0,30 K
Response time Z	12 min.	Water temperature effect W	0,20 K
Control accuracy CA	0,20 K		
Head		RA 013 G 5062 RA 013 G 5065 RA 013 G 5068	
Type	Liquid	Head with remote sensor incorporating the selector	
Hysteresis C	0,80 K	Differential pressure influence D	0,20 K
Response time Z	28 min.	Water temperature effect W	0,25 K
Control accuracy CA	0,60 K		

In combination with:

Valve(s)	Series	Form ¹	Size	Nominal flow rate ²
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1 Form:

2 Nominal flow rate $q_{n,NH}$ in kg/h:

L – Angle

declared by the manufacturer

T – Straight

RA – N [with presetting]

013 G 0031	D	L	DN 10	137
013 G 0032	D	T	DN 10	137
013 G 0033	D	L	DN 15	166
013 G 0034	D	T	DN 15	166
013 G 0151	D	L	DN 10	137
013 G 0153	D	L	DN 15	166
013 G 3902	F	T	DN 10	137
013 G 3903	F	L	DN 15	166
013 G 3904	F	T	DN 15	166
013 G 0011	F	L	DN 10	137
013 G 0012	F	T	DN 10	137
013 G 0013	F	L	DN 15	166
013 G 0014	F	T	DN 15	166
013 G 0015	F	L	DN 20	225
013 G 0016	F	T	DN 20	225
013 G 3912	D	T	DN 10	137
013 G 3913	D	L	DN 15	166
013 G 3914	D	T	DN 15	166

013 G 0233	*	L	DN 15	230
013 G 0234	*	L	DN 15	230
013 G 0052	S	T	DN 10	178
013 G 0054	S	T	DN 15	230
013 G 0072**	S	T	DN 10	178
013 G 0074**	S	T	DN 15	230
013 G 3238	*	T	DN 15	166
013 G 1011	F	L	DN 10	178
013 G 1012	F	T	DN 10	178
013 G 1013	F	L	DN 15	230
013 G 1014	F	T	DN 15	230
013 G 4201	*	L	DN 15	166
RA – FS [fixed]				
013 G 6281	GB	L	DN 15	158
013 G 6282	GB	L	DN 15	158
013 G 6283	GB	L	DN 15	158
013 G 6284	GB	T	DN 15	158
013 G 6285	GB	T	DN 15	158
013 G 6286	GB	T	DN 15	158
RA – IN [with presetting]				
013 G 6571	*	L	DN 10	137
013 G 6572	*	L	DN 10	137
013 G 6573	*	L	DN 15	166
013 G 6574	*	L	DN 15	166
013 G 6581	F	L	DN 10	137
013 G 6582	F	T	DN 10	137
013 G 6583	F	L	DN 15	166
013 G 6584	F	T	DN 15	166
013 G 6585	F	L	DN 20	225
013 G 6586	F	T	DN 20	225
013 G 6587	*	L	DN 25	225
013 G 6588	*	T	DN 25	225
013 G 6591	D	L	DN 10	137
013 G 6593	D	L	DN 15	166

013 G 6806**	*	L	DN 15	166
013 G 6807**	*	L	DN 15	166
013 G 6814**	*	L	DN 15	166
013 G 6815**	*	T	DN 15	166
013 G 6595	D	L	DN 20	189
RA – DV [with presetting]				
013 G 7711	F	L	DN 10	110
013 G 7712	F	T	DN 10	110
013 G 7713	F	L	DN 15	110
013 G 7714	F	T	DN 15	110
013 G 7715	F	L	DN 20	110
013 G 7716	F	T	DN 20	110
013 G 7721	D	L	DN 10	110
013 G 7722	D	T	DN 10	110
013 G 7723	D	L	DN 15	110
013 G 7724	D	T	DN 15	110
013 G 7725	D	L	DN 20	110
013 G 7726	D	T	DN 20	110
013 G 7677	GB	L	DN 15	110
013 G 7717	*	L	DN 10	110
013 G 7718	*	L	DN 10	110
013 G 7719	*	L	DN 15	110
013 G 7720	*	L	DN 15	110
013 G 7709	D	L	DN 10	110
013 G 7710	D	L	DN 15	110
013 G 7699	*	L	DN 15	110
RA – FN [fixed]				
013 G 0001	F	L	DN 10	178
013 G 0003	F	L	DN 15	230
013 G 0004	F	T	DN 15	230
013 G 0021	D	L	DN 10	137
013 G 0022	D	T	DN 10	137

013 G 0023	D	L	DN 15	166
013 G 0024	D	T	DN 15	166
013 G 0143	D	L	DN 15	166
013 G 0084	D	T	DN 15	166
RA – N [with presetting]				
013 G 0360	*	-	Integrated	205
013 G 0372	*	-	Integrated	205
013 G 0380	*	-	Integrated	205
013 G 0113	F	L	DN 15	166
013 G 0114	F	T	DN 15	166
013 G 0115	D	L	DN 15	166
013 G 0116	D	T	DN 15	166
013 G 0117	D	L	DN 15	166
013 G 4202	*	T	DN 15	166
013 G 4203	*	L	DN 15	166
013 G 4204	*	L	DN 15	166
013 G 4205	*	L	DN 15	166
013 G 3011**	*	L	DN 10	137
013 G 3013**	*	L	DN 15	166
013 G 3015**	*	L	DN 20	205
013 G 3031	*	L	DN 10	137
013 G 3033	*	L	DN 15	166
013 G 3237	*	L	DN 15	166
013 G 3239	*	L	DN 15	166
013 G 4022	S	T	DN 10	137
013 G 0231	*	L	DN 10	178
013 G 0232	*	L	DN 10	178
013 G 0035	D	L	DN 20	225
013 G 0036	D	T	DN 20	225
013 G 0037	*	L	DN 25	225
013 G 0038	*	T	DN 25	225
013 G 0155	D	L	DN 20	253

013 G 0051	S	L	DN 10	137
013 G 0053	S	L	DN 15	166
013 G 0055	S	L	DN 20	225
013 G 0056	S	T	DN 20	225
013 G 0071**	S	L	DN 10	137
013 G 0073**	S	L	DN 15	166
013 G 0075**	S	L	DN 20	225
013 G 0076**	S	T	DN 20	225
RA – FN [fixed]				
013 G 0002	F	T	DN 10	137
013 G 0005	F	L	DN 20	225
013 G 0006	F	T	DN 20	330
013 G 0025	D	L	DN 20	225
013 G 0026	D	T	DN 20	225
013 G 0027	*	L	DN 25	225
013 G 0028	*	T	DN 25	225
013 G 0149	*	L	DN 15	166
013 G 0145	D	L	DN 20	189
013 G 0141	D	L	DN 10	178
013 G 4218	*	L	DN 15	166
RA – G [fixed]				
013 G 1675	D	T	DN 15	390
013 G 1676	D	L	DN 15	455
013 G 1677	D	T	DN 20	455
013 G 1678	D	L	DN 20	470
013 G 1679	*	T	DN 25	465
013 G 1680	*	L	DN 25	485
RA – NCX [with presetting]				
013 G 4237	D	L	DN 15	230
013 G 4238	D	T	DN 15	166
013 G 4239	*	L	DN 15	166
013 G 4240	*	L	DN 15	166
013 G 4247	F	L	DN 15	166
013 G 4248	F	T	DN 15	166

RA – U [with presetting]

013 G 3022	S	T	DN 10	67
013 G 3292	S	T	DN 10	67

RA – N PURE [with presetting]

015 G 0071	S	L	DN 10	137
015 G 0072	S	T	DN 10	137
015 G 0073	S	L	DN 15	166
015 G 0074	S	T	DN 15	166
015 G 0076	S	T	DN 20	225
015 G 3022	S	T	DN 10	67
015 G 4022	S	T	DN 10	137

RA – DV PURE [with presetting]

015 G 0251	S	L	DN 10	110
015 G 0252	S	T	DN 10	110
015 G 0253	S	L	DN 15	110
015 G 0254	S	T	DN 15	110
015 G 0255	S	L	DN 20	110
015 G 0256	S	T	DN 20	110
015 G 0271	S	L	DN 10	110
015 G 0272	S	T	DN 10	110
015 G 0273	S	L	DN 15	110
015 G 0274	S	T	DN 15	110
015 G 0275	S	L	DN 20	110
015 G 0276	S	T	DN 20	110

Head		React 015 G 3038	
Type	Liquid	Head with integral sensor	
Hysteresis C	0,40 K	Differential pressure influence D	0,10 K
Response time Z	15 min.	Water temperature effect W	0,48 K
Control accuracy CA	0,20 K		
Head		Redia 015 G 3339	
Type	Liquid	Head with integral sensor	
Hysteresis C	0,40 K	Differential pressure influence D	0,10 K
Response time Z	18 min.	Water temperature effect W	0,48 K
Control accuracy CA	0,20 K		
Head		Regus 210040020	
Type	Liquid	Head with integral sensor	
Hysteresis C	0,40 K	Differential pressure influence D	0,10 K
Response time Z	22 min.	Water temperature effect W	0,48 K
Control accuracy CA	0,20 K		

In combination with:

Valve(s)	Series	Form ¹	Size	Nominal flow rate ²
1 Form: 2 Nominal flow rate $q_{n, NH}$ in kg/h:	L – Angle declared by the manufacturer	T – Straight		

Mio-N [with presetting]

013 L 6831	D	L	DN 10	137
013 L 6832	D	T	DN 10	137
013 L 6833	D	L	DN 15	166
013 L 6834	D	T	DN 15	166
013 L 6835	D	L	DN 20	225
013 L 6836	D	T	DN 20	225
013 L 6851	D	L	DN 10	137
013 L 6853	D	L	DN 15	166