

EC type examination certificate
EU-Baumusterprüfbescheinigung

CE-0085BO0037

Product Identification No.
Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Gas Appliances Regulation (EU/2016/426) <i>EU-Gasgeräteverordnung (EU/2016/426)</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Schwank GmbH Bremerhavener Straße 43, D-50735 Köln
Distributor <i>Vertreiber</i>	Schwank GmbH Bremerhavener Straße 43, D-50735 Köln
Product Category <i>Produktart</i>	Heating or air conditioning appliances: Radiant heater (dark) (3311)
Product Description <i>Produktbezeichnung</i>	Single burner gas-fired overhead radiant tube heater, which can be combined to a multi-burner system D or F
Model <i>Modell</i>	novoSchwank...; infra/calorSchwank D...
Countries of Destination <i>Bestimmungsländer</i>	AT, BE, BY, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, RU, SE, SI, SK, TR, UA
Test Reports <i>Prüfberichte</i>	type testing: B 17/07/2409 from 07.11.2017 (DBI)
Test Basis <i>Prüfgrundlagen</i>	EU/2016/426 A III B (09.03.2016) DVGW VP 118 (01.09.1999) DIN EN 777-1 (01.09.2009) DIN EN 777-3 (01.09.2009) DIN EN 416-1 (01.09.2009)
Validity / File no. <i>Gültigkeit / AZ</i>	21.04.2018 until 17.01.2028 / 17-0583-GEA

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Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN ISO/IEC 17065:2013 and notified by the government of the Federal Republic of Germany for certification of gas appliances under EC Regulation

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013 akkreditierte und von der Deutschen Bundesregierung benannte Stelle für die Zertifizierung von Gasgeräten gemäß EU-Verordnung EU/2016/426.




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Appliance Categories Gerätekategorien	Supply Pressures Versorgungsdrücke	Countries of Destination Bestimmungsländer	Remarks Bemerkungen
I2E(R)	20/25 mbar	BE	
I2E+	20/25 mbar	BE	
I3+	28-30/37 mbar	BE, IT, PT	
I3+	50/67 mbar	BE, PT	
I3B/P	30 mbar	CY, IS, MT	
I3B/P	50 mbar	CY, IS, MT	
I3P	37 mbar	BE	
II2E Lw3P	20, 37 mbar	PL	
II2E+3+	20/25, 28-30/37 mbar	FR	
II2E+3+	20/25, 29/37 mbar	BE	
II2E3B/P	20, 37 mbar	PL	
II2ELL3B/P	20, 50 mbar	DE	
II2ELL3P	20, 50 mbar	DE	
II2Er3P	20/25, 50 mbar	FR	
II2H3B/P	20, 30 mbar	DK, FI, LU, SE	
II2H3B/P	20, 50 mbar	AT, CH, CZ, GR, LU, RO	
II2H3B/P	25, 50 mbar	HU	
II2H3P	20, 30 mbar	EE, GR, LT, LV, NO, SK	
II2H3P	20, 37 mbar	ES, FR, GB, GR, HR, IE, IT, PT, SI, TR	
II2H3P	20, 50 mbar	CH, CZ, ES, FR, GB	
II2HS3B/P	25, 50 mbar	HU	
II2L3P	25, 50 mbar	NL	

Type Typ	Technical Data Technische Daten	Remarks Bemerkungen
novoSchwank 20S/... U/L; infraSchwank D 15/... U/L; calorSchwank D 15/... U/L	heat input (Hi): 11,2...15,0 kW	radiation factor (U/L): 55,7%/55,7% (infraSchwank) and 65,3%/67,2% (calorSchwank)
novoSchwank 25S/... U/L; infraSchwank D 20/... U/L; calorSchwank D 20/... U/L	heat input (Hi): 14,3...19,0 kW	radiation factor (U/L): 57,6%/56,9% (infraSchwank) and 66,8%/70,2% (calorSchwank)
novoSchwank 30S/... U/L; infraSchwank D 25/... U/L; calorSchwank D 25/... U/L	heat input (Hi): 18,8...25,0 kW	
novoSchwank 35S/... U/L; infraSchwank D 30/... U/L; calorSchwank D 30/... U/L; calorSchwank D 30/... U ST	heat input (Hi): 22,0...29,0 kW	radiation factor (U/L): 59,3%/59,9% (infraSchwank) and 70,2%/69,8% (calorSchwank) as well as 79,3 % (calorSchwank...ST)
novoSchwank 45S/... U/L; infraSchwank D 40/... U/L; calorSchwank D 40/... U/L	heat input (Hi): 30,0...39,0 kW	radiation factor (U/L): 57,8%/59,1% (infraSchwank) and 66,3%/72,7% (calorSchwank)
novoSchwank 55S/... U/L; infraSchwank D 50/... U/L; calorSchwank D 50/... U/L	heat input (Hi): 38,0...49,0 kW	radiation factor (U/L): 58,2%/60,2% (infraSchwank) and 70,8%/71,4% (calorSchwank)
novoSchwank 70S/... U/L; infraSchwank D 60/... U/L; calorSchwank D 60/... U/L	heat input (Hi): 48,0...60,0 kW	radiation factor (U/L): 57,6%/59,4% (infraSchwank) and 70,6%/70,2% (calorSchwank)

Hints of Utilization /Remarks

Verwendungshinweise / Bemerkungen

Tube form ...U: radiant pipe in U-form; tube form ...L: radiant pipe in stretched or wounded form

Type variations regarding power control: .../1: 1-stage, .../2: 2-stage, .../M: modulating (gas modulating), .../M+: modulating (gas and air modulating)

Installation codes: A3, B23, C13, C33 and C63

Installation codes B23, C13 and C33: with flue system Z-7.2-1602, 0432-BPR-119933 (Fa. Muelink & Grol) as well as 0432-CPD-219952, 0432-CPD-219983, 0432-CPD-219996 (Fa. Schröder)

The different models can be combined to a multi-burner system D and F according to DIN EN 777

The flue system can be implemented with a flue-gas heat exchanger.

The lay-out of the multi-burner systems D and F with their arm pipes, exhaust collecting pipes, exhaust chimneys and exhaust fans will be carried out by the Schwank GmbH.

Equipment: flexible hoses according to DIN 3384; types RS 331L (NG-4602AR0643, Fa. Witzenmann), MW 22 U (NG-4602BL0115, Fa. Berghöfer) and WSO (NG-4602BL0002, Fa. AZ-Pokorny)

Additionally tested appliance categories, supply pressures and countries of destination: BY, RU, UA: II2H3P (20, 37 mbar)
In Belarus, in the Ukraine and in the Russian Federation the CE-marking will be accepted as conformity approval if the Gas Appliance Regulation EU/2016/426 is transferred into national law by Belarus, Ukraine and Russian Federation.