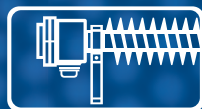


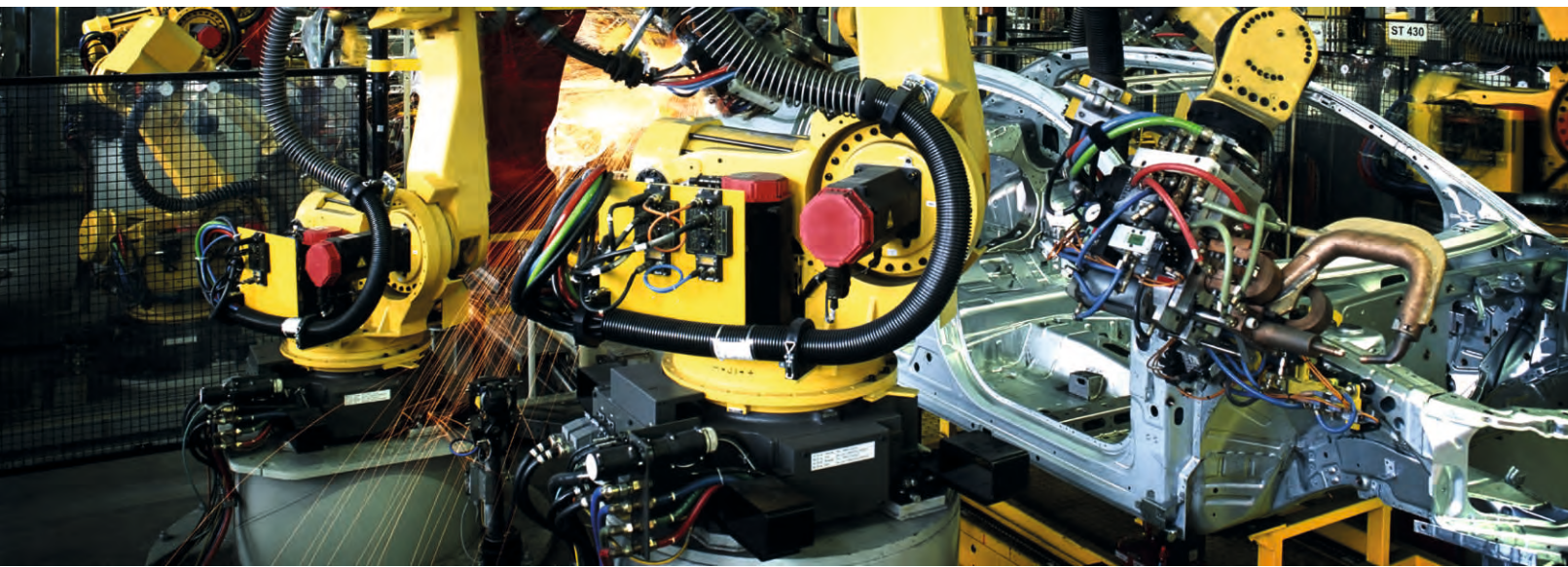
2021



FINNED TUBE HEATERS • TUBE HEATERS • ATEX-HEATERS
INFRARED HEATERS • CONTROLS • ACCESSORIES • SCREW-IN-HEATERS



SCHULTZE

















How to keep track...

... in these difficult times? We move on with all advisable care!

In our field **reliability** is a central point. From customer advisory service to production, to shipping and finally to secure handling.

Flexibility towards changing demands, **sustainability** in manufacturing as well as long-lasting products are the daily tasks we take pleasure in.

Keeping track also means to make decisions, well thought-out and sustainable, in cooperation with you to create good solutions. Don't hesitate to contact us!

News	3
Quality	4
Everything sealed	5
 RiRo-u universal	6
 RiRo-s step switch	
RiRo-a automatic	7
 RiRo-f for rooms with fire risk	
RiRo-fa for rooms with fire risk automatic	8
 RiRo-nt with low surface temperature	
RiRo-nta with low surface temperature automatic	9
 Tube heaters and heaters for confined spaces	10
 Finned tube Heaters – high grade stainless steel 1.4571	11
 RiRo - SNS & SKS special voltages	12
 Explosion-proof Heaters	13 14
 Infrared Heaters	15 16
 Controls & Accessories	17 18
 Screw-in Heaters G1 1/2"	19 20
 Screw-in Heaters G2"	21
Quality Control	22
Contact	24

The quality features

Optimal heat transfer

by large surfaces and perfect air circulation with horizontal mounting.

Good heat distribution

Heating unit of technical ceramics type C221 and C520 combined with heating conductors compliant with DIN 17470.

Non-corrosive materials

down to smallest details (high-grade steel type 1.4512)

Also on offer: high-grade steel type 1.4301 (e.g. for food stuff industry) and type 1.4571 (e.g. for sewage plants). For spick and span surface ask for pickled material.

Maximum amount of electrical safety

Terminal box and lid made of glass-reinforced polyamide (PA 6-GF 30), easy recycling.

All assembly spots

protection type IP66/IP67.

Electrical connection with dust- and watertight

protection type IP66/IP67.

Certification



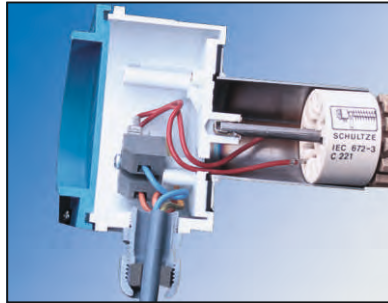
CE marking in accordance with EC directives 2014/35/EG (LVD), 2014/30/EG (EMC), 2011/65/EU (RoHS) and 2012/19/EU (WEEE), WEEE-Reg.-Nr. DE 92309616.

Everything sealed!

All RiRos conform with protection mode IP 66/IP67 and comply with DIN EN 60529:2014-09 (VDE 0470-1:2014-09). This means they are dustproof, protected against strong jets of water and even against temporary submersion into water.

To optimise service life for you we only use high quality raw materials. The heaters conform with all relevant German and European standards.

In case a heater should really fail you may be assured that all spare parts are instantly available. All parts can completely be recycled, wrapping materials are taken back into recycling process by Interseroh company.



A sealing washer of synthetic rubber latex mounted between flange and terminal box keeps out dust and water.



The sealing of the switch handle against the terminal box is equally done with a special sealing washer, another one seals the lid against the terminal box.



The signalling light – a difficult part to seal up – is protected with an o-ring seal.



High-grade steel screws in accordance with DIN regulations guarantee a long service life and reliable heating. Clever ideas make your work easy, e.g. the quick-assembly foot.

Finned Tube Heaters RiRo-u universal



The versatile

This line covers a large variety of situations with standard heaters ranging from 500W to 6,000 W. Like our other heaters they are corrosion-proof (high grade steel type 1.4512). Our insulation provides the highest measure of electric safety (dust-proof and water-proof, rated IP 66/67). Heaters are equipped with cable gland M20 for the safe and easy use of cables up to H07RN-F5G1,5.

In the range from 1,000W to 3,000W you can choose your connection to be either 230V or 400V 3 (N). Heaters with layout for special voltages can easily be provided, too, as well as with different grades of steel, for example for food industry or offshore appliances. Please see page RiRo-V4A for further information. A multitude of solutions for your special needs is possible: Schultze-RiRo heaters perfectly work with external thermostats as well as any other sort of control.

RiRo-u

Suitable accessories, page 17+18



max. 240°C Hight 170mm Widh 130mm Diameter Ø 110mm Prot. Mode IP66/IP67

Power W	Voltage V	Length mm	Weight kg	Order number
500	230 V \cong	440	3,1	U 0500E
1000	230 V \cong 400 V 3 ~ 400 V 3 N ~	640	4,6	U 1000E
1500		840	6,1	U 1500E
2000		1040	7,5	U 2000E
3000	400 V 3 ~ 400 V 3 N ~	1440	10,6	U 3000E
4000		1840	13,7	U 4000E
5000		2240	17,0	U 5000E
6000		2640	19,7	U 6000E

High grade stainless steel type 1.4512. Also available: Type 1.4571



Finned Tube Heaters **RiRo-s** with built-in step switch

With the built-in three step switch heating power can be adjusted according to actual requirements.

This helps saving energy!

Step I 1/3 of heating power

Step II 2/3 of heating power

Step III full heating power



Suitable accessories, page 17+18



max. 240°C Hight 170mm Widh 130mm Diameter Ø110mm Prot. Mode IP66/IP67

Power W with 230 V~	Length mm	Weight kg	Order number
1000	640	4,6	S 1000E
1500	840	6,1	S 1500E
2000	1040	7,5	S 2000E
3000	1440	10,8	S 3000E

High grade stainless steel type 1.4512. Also available: Type 1.4571



Finned Tube Heaters **RiRo-a** with built-in thermostat

The heating power is steplessly adjustable and the thermostat keeps your chosen temperature constant. Choose either frost protection or your temperature between + 5°C and + 30°C. The red signalling light shows when power is on.

● = frost-free ◡ = + 5° C to + 30° C



Suitable accessories, page 17+18



Adjustable + 5° C to + 30° C

max. 240°C Hight 170mm Widh 130mm Diameter Ø110mm Prot. Mode IP66/IP67

Power W with 230 V~	Length mm	Weight kg	Order number
500	440	3,1	A 0500E
1000	640	4,6	A 1000E
1500	840	6,1	A 1500E
2000	1040	7,7	A 2000E
3000	1440	10,8	A 3000E

High grade stainless steel type 1.4512. Also available: Type 1.4571



Finned Tube Heaters RiRo-f for rooms with fire-risk

The economic choice for rooms where a "full range" heating is not needed, e.g. to protect your rooms or your valuable facilities against frost. To keep below the reduced surface temperature of 115°C we chose appropriate power layout.
Applicable for rooms with risk of fire.

Suitable accessories, page 17+18



max. 115°C Hight 170mm Widh 130mm Diameter Ø110mm Prot. Mode IP66/IP67

Power W with 230 V \cong 400 V 3 ~ 400 V 3 N ~	Length mm	Weight kg	Order number
120*	440	3,1	F 0120E
600	1040	7,7	F 0600E
935	1440	10,6	F 0935E
1200	1840	13,7	F 1200E

*only 230 V \cong

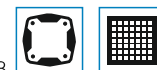


Finned Tube Heaters RiRo-fa for rooms with fire-risk - automatic

The heater RiRo-fa is identical with type RiRo-f, but additionally heat transfer can be controlled steplessly by our built-in thermostat. According to your needs the heater will keep the room frost-protected or the temperature will be kept constant at your choice between + 5°C and + 30°C. The red signalling light shows when power is on.
Applicable for rooms with risk of fire.

● = frost-free ☺ = + 5° C to + 30° C

Suitable accessories, page 17+18



Adjustment + 5° C to + 30° C

max. 115°C Hight 170mm Widh 130mm Diameter Ø110mm Prot. Mode IP66/IP67

Power W with 230 V ~	Length mm	Weight kg	Order number
120	440	3,1	FA 0120E
600	1040	7,7	FA 0600E
935	1440	10,9	FA 0935E
1200	1840	13,7	FA 1200E

High grade stainless steel type 1.4512. Also available: Type 1.4571



Finned Tube Heaters **RiRo-nt** with low surface temperature

With these heaters the excess temperature touching the top of the fins does not exceed 67K (difference of 67°C to room temperature). With our new models we could increase the delivery of power due to technical improvements that do not result in the loss of protection. So our customers will get more heat for the same price! For completion, we recommend our new easy to use protection baskets. Applicable for rooms with risk of fire.

Suitable accessories, page 17+18



67 K High 170mm Width 130mm Diameter Ø 110mm Prot. Mode IP 66/IP 67

Power W with 230 V \cong	Length mm	Weight kg	Order number
500	1040	7,5	NT 0500E
800	1440	10,4	NT 0800E
1000	1840	13,7	NT 1000E



Finned Tube Heaters **RiRo-nta** with low surface temperature - automatic

The construction of RiRo-nta is identical with RiRo-nt except for the fact that heating power can be steplessly regulated by our built-in thermostat. It keeps the temperature of your choice constant between +5°C and + 30°C or just protects your room from frost. The red signalling light shows when power is on. Applicable for rooms with risk of fire.

● = frost-free ◡ = + 5° C to + 30° C

Suitable accessories, page 17+18



Adjustment + 5° C to + 30° C

67 K High 170mm Width 130mm Diameter Ø 110mm Prot. Mode IP 66/IP 67

Power W with 230 V \sim	Length mm	Weight kg	Order number
500	1040	7,5	NTA 0500E
800	1440	10,9	NTA 0800E
1000	1840	13,7	NTA 1000E

High grade stainless steel type 1.4512. Also available: Type 1.4571

Tube Heaters and Heaters for Confined Spaces



The electrical elements of our tube heaters N (normal) and S (strong) provide the same construction as the RiRo heaters. They are perfect for short term request for warmth. Type K is constructed especially for terminal compartments, small side-rooms, even wet or soaked rooms.

Construction and robustness are equal to the RiRo line of heaters.

Individual solutions concerning voltage, power or length can be obtained.

N-Tube



Voltage 230 V \approx Prot. Mode IP 66/IP 67

Power W	Length mm	Weight kg	Order number
250	1040	5,2	NR 0250E
375	1540	7,8	NR 0375E
500	2040	10,5	NR 0500E
750	3040	15,4	NR 0750E

S-Tube



Voltage 230 V \approx Prot. Mode IP 66/IP 67

Power W	Length mm	Weight kg	Order number
400	1040	5,2	SR 0400E
600	1540	7,8	SR 0600E
800	2040	10,5	SR 0800E
1200	3040	15,4	SR 1200E

K-Tube



Voltage 230 V \approx Prot. Mode IP 66/IP 67

Power W	Length mm	Weight kg	Order number
120	400	2,2	KR 0120E
150	640	3,1	KR 0150E
200	640	3,1	KR 0200E

High grade stainless steel type 1.4512. Also available: Type 1.4571

Finned Tube Heaters RiRo-V4A

high-grade stainless steel 1.4571



For most demanding appliances and with highest resistance against corrosion we also offer our RiRo heaters in high-grade stainless steel V4A, type 1.4571. Produced identically to the standard types, all steel parts are made of V4A and pickling ensures a long service life.

Typical applications are sewage plants, offshore platforms or swimming facilities.



universal --RiRo-u

Power W	Voltage V	Length mm	Weight kg	Order number
500	230 V	440	3,1	U 0500EA4
1000	230/400 V	640	4,6	U 1000EA4
1500	230/400 V	840	6,1	U 1500EA4
2000	230/400 V	1040	7,7	U 2000EA4
3000	230/400 V	1440	10,6	U 3000EA4
4000	400 V	1840	13,7	U 4000EA4
5000	400 V	2240	17,0	U 5000EA4
6000	400 V	2640	19,7	U 6000EA4

automatic - RiRo-a

Power W	Voltage V	Length mm	Weight kg	Order number
500	230 V	440	3,1	A 0500EA4
1000	230 V	640	4,6	A 1000EA4
1500	230 V	840	6,1	A 1500EA4
2000	230 V	1040	7,7	A 2000EA4
3000	230 V	1440	10,6	A 3000EA4

step switch - RiRo-s

Power W	Voltage V	Length mm	Weight kg	Order number
1000	230 V	640	4,7	S 1000EA4
1500	230 V	840	6,1	S 1500EA4
2000	230 V	1040	7,7	S 2000EA4
3000	230 V	1440	10,6	S 3000EA4

RiRo-f and -nt are also available in V4A



Special voltage
290 / 500 V 3(N)~

Finned Tube Heaters **RiRo-SNS** **500V**

Special mains voltage 290/500V (universal)

Power requirements of special voltages are quite usual in industrial and commercial areas as well as in foreign countries. Therefore we offer suitable solutions with short delivery times. Below you can find heaters for most common situations. Please contact us for your special requirement!



SNS 290/500 V Hight 170mm Widh 130mm Diameter Ø 110 mm Prot. Mode IP 66 / IP 67

Type	Power W	Length mm	Weight kg	Order number
u 1000 500V	1000	640	4,6	SNS017
u 1500 500V	1500	840	6,1	SNS124
u 2000 500V	2000	1040	7,7	SNS030
u 3000 500V	3000	1440	10,9	SNS005
u 4000 500V	4000	1840	13,7	SNS046
u 5000 500V	5000	2240	17,0	SNS045
u 6000 500V	6000	2640	19,7	SNS024



 SELV 42V

Finned Tube Heaters **RiRo-SKS**

42 V safety extra-low voltage



SELV 42V Hight 170mm Widh 130mm Diameter Ø 110 mm Prot. Mode IP 66 / IP 67

Type	Power W	Length mm	Weight kg	Order number
u 250 42V	250	440	3,1	SKS005
u 500 42V	500	440	3,1	SKS006
u 750 42V	750	640	4,6	SKS007
u 1000 42V	1000	640	4,6	SKS010

Explosion-proof Heaters ATEX-Standard

Explosion-proof heaters are used in many industrial or commercial applications that are classified as hazardous areas. Our appliances are used to heat the ambient air of hazardous areas in zone 1 and 2, typically in chemical industries, paint and lacquer industries, sewage plants and mining. Heaters made of high-grade stainless steel are recommended for aggressive environments (e.g. sewage plants), while heaters with a painted or coated surface, also available with protection basket, are sufficient for standard applications. Available on request: further types of explosion-proof heaters and our technical data sheets, as well as the TR-CU certificate.

Temperaturclassification: T4 < 135°C, T3 < 200°C, T2 < 300°C



Ex-Space Heater with protection basket

Heating-element of high-grade stainless steel tube heaters, protection basket and terminal box painted, with built-in temperature guard. External Ex- thermostat needed, see offer below.



**II 2G Ex db eb IIC T4, T3, T2, IExU 15 ATEX 1019 X
Prot. Mode IP66**

Type	Power W (230 V)	Temp.-category	Lenght mm	Weight Kg	Order number
DHG11B01/R1	500 W	T3	900	17	EX 0500-K1
Heating-element of high-grade stainless steel tube heaters, protection basket and terminal box painted	1000 W	T3	1450	19	EX 1000-K1
	1000 W	T4	1450	21	EX 1000-K2
	2000 W	T3	1450	21	EX 2000-K2
	3000 W	T2	1450	21	EX 3000-K1
	3000 W	T3	2025	24	EX 3000-K2
	2000 W / 400 V 3N	T3	1450	21	EX 2000-K2S

Stainless steel protection basket VA on request.



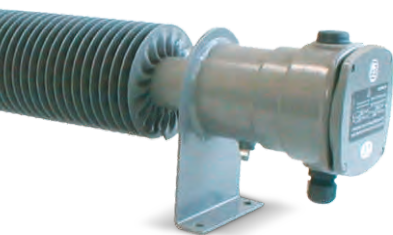
Ex-Finned Tube Heater high-grade stainless steel

Completely made of high-grade stainless steel, for aggressive or corrosive environment.



**II 2G Ex db eb IIC T4, T3, T2, IExU 15 ATEX 1019 X
Prot. Mode IP66**

Type	Power W (230 V)	Temp.-category	Lenght mm	Weight Kg	Order number
DHG57A02/R3	1000	T3	1230	18	EX 1000-E
Stainless steel	1600	T2	1230	18	EX 1600-E
	1500	T3	1835	25	EX 1500-E



Ex-Finned Tube Heater

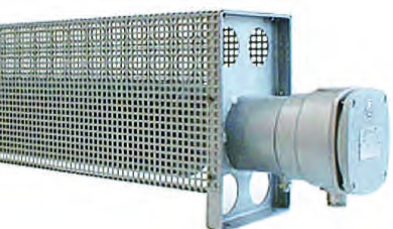
powder-coated

Type completely powder coated for standard applications in hazardous areas.



II 2G Ex db eb IIC T4, T3, T2, IBExU 15 ATEX 1019 X
Prot. Mode IP66

Type DHG57A02/R4	Power W (230 V)	Temp.- category	Lenght mm	Weight Kg	Order number
Powder- coated	500 W	T3	765	12	Ex 0500-L
	1000 W	T3	1260	18	Ex 1000-L
	1500 W	T3	1865	25	Ex 1500-L
	2000 W	T3	2360	30	Ex 2000-L



Ex-Finned Tube Heater

galvanized, with protection basket

Type galvanized finned tube, painted case and protection basket.

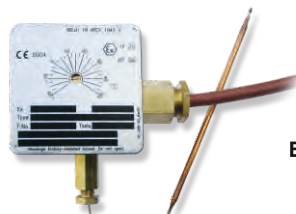


II 2G Ex db eb IIC T4, T3, T2, IBExU 15 ATEX 1019 X, IECEx IBE 15.0003 X
Prot. Mode IP66

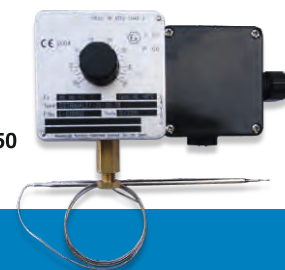
Type DHG57A02/R2	Power W (230 V)	Temp.- category	Lenght mm	Weight Kg	Order number
Finned tube galvanized, basket and housing painted	500 W	T3	740	14	EX 0500-LK
	850 W	T2	740	14	EX 0850-LK
	1000 W	T3	1235	22	EX 1000-LK
	1600 W	T2	1235	22	EX 1600-LK
	1500 W	T3	1840	30	EX 1500-LK
	2500 W	T2	1840	30	EX 2500-LK

Ex-Thermostat

ExTR60D...



ExTR60E-50



II 2G Ex db IIC T6 Gb; II 2G Ex db eb IIC T6 Gb; II 2G Ex ib IIC T6 Gb
II 2G tb IIIC T85°C Db; II 2G tb Ex ib IIIC T85°C Db
IBExU 18 ATEX 1045 X, IECEx IBE 18.0031 X

Type	Temperature range	Switching capacity	Adjustment	Order-No.
Ex-Thermostat	-20°C...+50°C	230 V 16A	knob	ExTR60E-50
Ex-Thermostat	-20°C...+50°C	230 V 16A	screw	ExTR60D-50
Ex-Thermostat mounting kit for Ex...-L*	0°C...+100°C	230 V 16A	screw	ExTR60DAB
Ex-Thermostat fixed setting	5°C	230 V 16A	fixed setting	ExTR60DF05
Ex-Thermostat fixed setting	10°C	230 V 16A	fixed setting	ExTR60DF10
Ex-Thermostat fixed setting	15°C	230 V 16A	fixed setting	ExTR60DF15

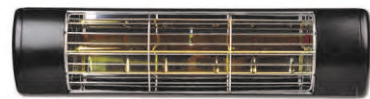
Infrared-Heaters

Highly efficient infrared-technology

Economical heating, exactly on point, with Schultze Infrared-heaters.

Specially designed halogen heating elements emit short-wave infrared and provide instantly noticeable comfort heat, similar to the sun.

Heating people directly without the need to build up and maintain a body of warm air is economical and flexible as well, especially for applications like outdoors, with high ceilings or huge spaces. The field of application includes for example work-shops, sport-facilities, pub gardens, patios, but also industrial or commercial appliances like drying paint or heating machinery.



Infrared-Heaters

HWP2

The HWP2-series is dust- and water-jet tight complying with IP55 rating. HWP2 heaters are a stylish means of providing comfort heat in outdoor or indoor locations.

Suitable accessories, page 18

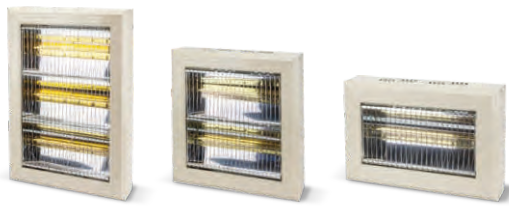


Infrared heater ceiling- or wall-mounted 230 V ~ IP55

Power W	Colour	Height mm	Width mm	Depth mm	Weight br. kg	Order-No.
1500	white	120	480	120	1,7	HWP2-W
1500	black	120	480	120	1,7	HWP2-B
1500	silver	120	480	120	1,7	HWP2-S
2000	white	120	480	120	1,7	HWP2-2W
2000	black	120	480	120	1,7	HWP2-2B
3000	white	120	960	120	3,2	HWP2-3W
3000	black	120	960	120	3,2	HWP2-3B
4500*	black	120	1440	120	6,4	HWP2-45B

* also for 400V 3 N

Infrared-heater HA



The HA-series are IP22 rated for indoor use and provide the most economic means of heating intermittently used buildings. The case includes M6 holes for optional suspension.

Suitable accessories, page 18

Infrared heater ceiling- or wall-mounted 230 V ~ IP22

Power W	Colour	Height mm	Width mm	Weight br. kg	Order-No.
1500	ivory	275	430	3,8	HA 1500N
2000	ivory	275	430	3,8	HA 2000N
3000	ivory	430	430	5,5	HA 3000N
4500*	ivory	590	430	6,5	HA 4500N
6000*	ivory	590	430	6,5	HA 6000N

* also for 400V 3 N

IR-radiant heaters



InduStrip EZ2

InduStrip EZ2 radiant heaters are suitable for full or auxiliary heating of rooms with large volumes and high ceilings. These radiators are for commercial use like in department stores, warehouses or industrial buildings. The heating elements emit no light and thanks to the clear design, the EZ2 inconspicuously integrates into the electrical installation.

Suitable accessories, page 18

Radiant ceiling heater 230 V ~ IP44 Casing white RAL9016

Power W	Colour	Height mm	Width mm	Weight br. kg	Order-No.
1200 W	923	64	282	6,8	IR EZ2-1200
1700 W	1221	64	282	6,8	IR EZ2-1700

Different models are available on request



InduStrip IHS

InduStrip IHS radiant heaters are suitable for full or auxiliary heating of rooms with large volumes and high ceilings. These radiators can also be used outdoors like on sports stands or loading ramps to keep them dry and frost-free. Robust industrial design, galvanized steel casing, high-gloss aluminum reflectors.

Suitable accessories, page 18

Industrial infrared heater 400 V 3N ~ IP44 Casing alu-zinc coated

Power W	Colour	Height mm	Width mm	Weight br. kg	Order-No.
3000 W	1125	83	358	9,0	IR IHS3000
4500 W	1500	83	358	11,1	IR IHS4500
6000 W	1875	83	358	13,2	IR IHS6000

Optional protection grille is available

Accessories



QuickFit
You fix our baskets without any further tools or drillholes! Just put the basket over the already mounted RiRo and wedge it, ready!

QuickFit Protection Basket

Our protection baskets are valuable accessories: they protect against collisions, give additional protection against dust and are an optical enhancement. Like the heaters themselves, they are manufactured in high-grade steel, so that we offer a logical solution regarding both quality of material and optical general impression.

Stainless steel 1.4301 - Width 150 mm, Height 195 mm						
Order number	BASKET 0500	BASKET 1000	BASKET 1500	BASKET 2000	BASKET 3000	BASKET 4000
Length mm	380	580	780	980	1380	1740
fits with RiRo type	u 500 E	u 1000 E	u 1500 E	u 2000 E	u 3000 E	u 4000 E
	a 500 E	s 1000 E	s 1500 E	s 2000 E	s 3000 E	f 1200 E
	f 120 E	a 1000 E	a 1500 E	a 2000 E	a 3000 E	fa 1200 E
	fa 120 E			f 600 E	f 935 E	nt 1000 E
			fa 600 E	fa 935 E	nta 1000 E	
			nt 500 E	nt 800 E		
			nta 500 E	nta 800 E		



Safety cover for adjustment knob

In many cases the position of the switch, once adjusted, shall not be altered. Just mount this safety cover to prevent manipulation by unauthorized people.

Order number	Height mm	Width mm	Depth mm
ABDECK	93	93	17



Cable connections

For the connection of our appliances to the available 230-V net we offer in addition our ready manufactured cables.

Please note that mounting must be carried out only by qualified

Type	Length	Ordernumber
H07RN-F3G1,5mm	3m	KA3M3X15



Take control!



Controls for electrical heaters - acc. to ECO-design regulation (EU) 2015/1188

Control unit type	adjustment range	switching capacity	IP Code	Order-No.
Thermostat for damp locations	- 20° C ... + 35° C	230 V 16 A	IP 65	1-000
Electronic clock thermostat	+ 5° C ... + 30° C	230 V 16 A	IP 67	1-ECO
Dimmer für IR-heaters	0 ...100%	230 V 13 A	IP 55	HWP-D
Movement-sensor for IR-heaters	5s ... 18 min	230 V 16 A	IP 44	HWP-BM
Programmable thermostat	+ 5° C ... + 37° C	230 V 16 A	IP 21	1-TAP16R
IP44-case for 1-TAP16R			IP 44	1-TEP44
External sensor for 1-TAP16R			IP 54	1-RTX54
Presence detector w/power supply		230 V 10 A	IP 42	1-PDK65
Additional presence detector		230 V 10 A	IP 42	1-PDK65S
Relay-box		400 V 3 ~ 16 A	IP 44	1-RB3
Relay-box with 3-step-switch	off -I-II-III	400 V 3 ~ 16 A	IP 44	1-RB123
Black-bulb-sensor			IP 30	1-SKG30
3-setp-switch, manually	off -I-II-III	230/400 V 3 ~ 20 A	IP 44	1-S123



1-000



1-ECO



HWP-D



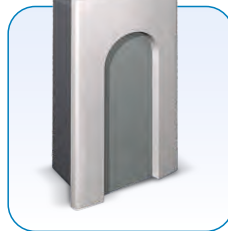
HWP-BM



1-TAP16R



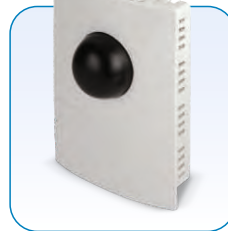
1-PDK65(S)



1-RB3



1-RB123



1-SKG30



1-S123

Ecodesign Regulation (EU) 2015/1188 concerning local space heaters does not apply to all application areas. The Regulation applies when an installation is intended to provide thermal comfort for people in the premises. The Regulation does not apply to heating installations of a more technical nature e.g. in engineering/utility rooms, in production processes, frost protection, etc. The Regulation also does not apply to installations in vehicles, offshore or outdoors. Many SCHULTZE products can be used as both local space heaters (as defined in (EU)2015/1188) and for technical heating purposes.

It is up to the installer responsible for the installation to assess whether the Ecodesign Regulation is applicable or not. We are happy to help.

Screw-in heaters

Screw-in heaters are versatile and intended for direct heating of liquid media. They consist of a heating element, screw-in thread and connection box. The devices are screwed into containers, apparatus, tanks, circuits, etc. Typical applications are washing and cleaning devices, tempering apparatus, hydraulic-systems and similar appliances.

The screw-in heaters are designed for industrial and commercial applications. When selecting, the specific surface load permitted for the respective medium must be observed and checked by the customer. Not suitable for containers with enamel coating and protective anode.

All screw-in heaters are delivered including cable-gland and sealing

Screw-in heaters G1 1/2" with soldered tubular heaters

Design: 3 tubular heating elements \varnothing 8,5mm made of stainless steel 1.4404 brazed in G1 1/2" thread, rotatable stainless steel terminal box. Mainly used to heat water and aqueous solutions.



EHK G112A **Automatic**

The built-in thermostat automatically keeps the medium-temperature constant. Steplessly adjustable between 0°C and 95°C.

Adjustable 0° - 95°C

60mm unheated heating elements \varnothing 8,5mm material 1.4404 voltage 230/400 V 3(N) degree of protection IP65

Power	Surface load	Immersion depth	Material thread	Weight br. kg	Order-No.
1500 W	10 W/cm ²	180	Brass Ms58	1,7	EHK G112A001
2000 W	10 W/cm ²	210	Brass Ms58	1,8	EHK G112A002
3000 W	10 W/cm ²	270	Brass Ms58	1,8	EHK G112A003
4500 W	10 W/cm ²	370	Brass Ms58	2,1	EHK G112A004
6000 W	10 W/cm ²	470	Brass Ms58	2,4	EHK G112A005
7500 W	10 W/cm ²	530	Brass Ms58	2,5	EHK G112A006
9000 W	10 W/cm ²	650	Brass Ms58	2,6	EHK G112A007
12000 W*	10 W/cm ²	910	Brass Ms58	3,5	EHK G112A008
2000W	5 W/cm ²	370	Brass Ms58	2,4	EHK G112A520
3000 W	5 W/cm ²	470	Brass Ms58	2,5	EHK G112A530
4500 W	5 W/cm ²	650	Brass Ms58	2,6	EHK G112A545
6000 W	5 W/cm ²	910	Brass Ms58	3,5	EHK G112A560
3000 W	10 W/cm ²	270	stainl. steel 1.4301	1,8	EHK G112AE03
6000 W	10 W/cm ²	470	stainl. steel 1.4301	2,4	EHK G112AE06
9000 W	10 W/cm ²	650	stainl. steel 1.4301	2,6	EHK G112AE09

*Voltage 400V Δ

EHK G112AB

**Automatic+
safety
temperatur
limiter**



Adjustable 30° - 80°C, safety temperature limiter 100 °C

The built-in combination of thermostat and limiter automatically keeps the medium-temperature constant and protects from overheating at the same time. Steplessly adjustable between 30°C and 80°C, thermal cut-off at 100°C.

60mm unheated heating elements ø 8,5mm material 1.4404 voltage 230/400 V 3(N) degree of protection IP66

Power	Surface load	Immersion depth	Material thread	Weight br. kg	Order-No.
1500 W	10 W/cm ²	180	Brass Ms58	2,1	EHK G112AB01
2000 W	10 W/cm ²	210	Brass Ms58	2,1	EHK G112AB02
3000 W	10 W/cm ²	270	Brass Ms58	2,2	EHK G112AB03
4500 W	10 W/cm ²	370	Brass Ms58	2,5	EHK G112AB04
6000 W	10 W/cm ²	470	Brass Ms58	2,7	EHK G112AB05
7500 W	10 W/cm ²	530	Brass Ms58	2,8	EHK G112AB06
9000 W	10 W/cm ²	650	Brass Ms58	3,0	EHK G112AB07
12000 W*	10 W/cm ²	910	Brass Ms58	3,9	EHK G112AB08
2000W	5 W/cm ²	370	Brass Ms58	2,5	EHK G112AB52
3000 W	5 W/cm ²	470	Brass Ms58	2,7	EHK G112AB53
4500 W	5 W/cm ²	650	Brass Ms58	3,0	EHK G112AB54
6000 W	5 W/cm ²	910	Brass Ms58	3,9	EHK G112AB56
3000 W	10 W/cm ²	270	stainl. steel 1.4301	2,2	EHK G112ABE3
6000 W	10 W/cm ²	470	stainl. steel 1.4301	2,7	EHK G112ABE6
9000 W	10 W/cm ²	650	stainl. steel 1.4301	3,0	EHK G112ABE9

*Voltage 400V Δ

EHK G112U

Universal

Universal type:
no built-in control unit, IP55 enclosure,
empty sensor protection bulb. Temperature
control on site.



60mm unheated heating elements ø 8,5mm material 1.4404 voltage 230/400 V 3(N) degree of protection IP66

1500 W	10 W/cm ²	180	Brass Ms58	1,3	EHK G112U001
2000 W	10 W/cm ²	210	Brass Ms58	1,3	EHK G112U002
3000 W	10 W/cm ²	270	Brass Ms58	1,4	EHK G112U003
4500 W	10 W/cm ²	370	Brass Ms58	1,7	EHK G112U004
6000 W	10 W/cm ²	470	Brass Ms58	1,9	EHK G112U005
7500 W	10 W/cm ²	530	Brass Ms58	1,9	EHK G112U006
9000 W	10 W/cm ²	650	Brass Ms58	2,2	EHK G112U007
12000 W*	10 W/cm ²	910	Brass Ms58	2,9	EHK G112U008
2000W	5 W/cm ²	370	Brass Ms58	1,7	EHK G112U520
3000 W	5 W/cm ²	470	Brass Ms58	1,9	EHK G112U530
4500 W	5 W/cm ²	650	Brass Ms58	2,2	EHK G112U545
6000 W	5 W/cm ²	910	Brass Ms58	2,9	EHK G112U560
3000 W	10 W/cm ²	270	stainl. steel 1.4301	1,4	EHK G112UE03
6000 W	10 W/cm ²	470	stainl. steel 1.4301	1,9	EHK G112UE06
9000 W	10 W/cm ²	650	stainl. steel 1.4301	2,2	EHK G112UE09

*Voltage 400V Δ

Screw-in heaters G2" with exchangeable ceramic heating element



EHK G2

EHK G2 heaters are mainly used for heating hydraulic oil in containers in which the replacement of the heating cartridge without draining the medium must be possible.

Design: Ceramic heating cartridge in stainless steel tube \varnothing 50mm, material-no. 1.4512 or material-no. 1.4404. G2" thread welded from V2A. Terminal box made of PA6-GF30, impact-resistant and oil-resistant, degree of protection IP66/67. Unheated zone 50mm, surface load 1,5 W/cm², voltage 230/400 V. Special versions on request.



G2 with exchangeable ceramic heating element

50mm unheated Tube \varnothing 50mm material 1.4512 voltage 230/400 V 3(N) degree of protection IP66 / IP67

Power	Surface load	Immersion depth	Material thread	Weight br. kg	Order-No.
500 W*	1,5 W/cm ²	250	stainl. steel 1.4301	2,1	EHK G2E-0001
750 W	1,5 W/cm ²	350	stainl. steel 1.4301	2,5	EHK G2E-0002
1000 W	1,5 W/cm ²	450	stainl. steel 1.4301	3,0	EHK G2E-0003
1200 W	1,5 W/cm ²	550	stainl. steel 1.4301	3,4	EHK G2E-0004
1500 W	1,5 W/cm ²	650	stainl. steel 1.4301	3,8	EHK G2E-0005
1700 W	1,5 W/cm ²	750	stainl. steel 1.4301	4,2	EHK G2E-0006
2000 W	1,5 W/cm ²	850	stainl. steel 1.4301	4,7	EHK G2E-0007
2200 W	1,5 W/cm ²	950	stainl. steel 1.4301	5,0	EHK G2E-0008
2400 W	1,5 W/cm ²	1050	stainl. steel 1.4301	5,6	EHK G2E-0009

* 230 V only

G2 V4A with exchangeable ceramic heating element

50mm unheated Tube \varnothing 50mm material 1.4404 voltage 230/400 V 3(N) degree of protection IP66 / IP67

Power	Surface load	Immersion depth	Material thread	Weight br. kg	Order-No.
500 W*	1,5 W/cm ²	250	stainl. steel 1.4301	2,1	EHK G2A40001
750 W	1,5 W/cm ²	350	stainl. steel 1.4301	2,5	EHK G2A40002
1000 W	1,5 W/cm ²	450	stainl. steel 1.4301	3,0	EHK G2A40003
1200 W	1,5 W/cm ²	550	stainl. steel 1.4301	3,4	EHK G2A40004
1500 W	1,5 W/cm ²	650	stainl. steel 1.4301	3,8	EHK G2A40005
1700 W	1,5 W/cm ²	750	stainl. steel 1.4301	4,2	EHK G2A40006
2000 W	1,5 W/cm ²	850	stainl. steel 1.4301	4,7	EHK G2A40007
2200 W	1,5 W/cm ²	950	stainl. steel 1.4301	5,0	EHK G2A40008
2400 W	1,5 W/cm ²	1050	stainl. steel 1.4301	5,6	EHK G2A40009

* 230 V only

Traditionally technically ahead

This is what the Schultze-RiRo had already been in the 1950ies. The goal to combine economical solutions for heating, environmental awareness, durability and safety has been the basis of our success now for more than half a century.

For our future development we invest into our qualified staff and into new technologies in production and design.

Reliability, flexibility and open mindedness lay the grounds for building and expanding long-term relationships with our customers.



Good is not good enough. So we are constantly looking for new solutions. Advancing by superior technology is what is driving us.



Precision in production combined with a high degree of flexibility guarantee the reliability of our products for the outmost use for our customers.

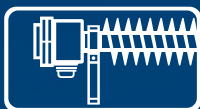


At 1,750V high voltage our heaters must show that the customer can rely on their safety.



Careful controls during every step of the production process, complete documentation of checks at the final assembly and precise documentation take care for a maximum of safety and customer satisfaction.





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