

FLOOR CONVECTORS

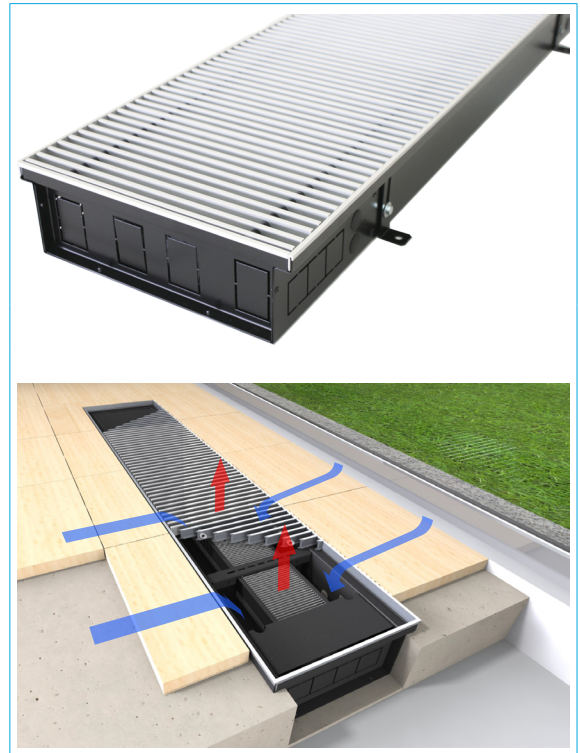
PKV

Application

- Perfect for use in areas with high interior design requirements and spaces with large glass surfaces.
- Attractive solution used both as a primary or secondary heat source in water heating and/or cooling systems.

Features

- Steel sheet casing powder coated in black color - RAL9005. Optional external 6 mm tick insulation.
- Cu/Al heat exchanger with profiled fins and 1/2" internal thread connections; each tested on 25 bar max pressure.
- Low noise tangential fans: 230V AC or 24V EC
- Wide range of attractive cover grilles made of anodized aluminium, wood or stainless steel in longitudinal or transverse roll-up design.
- Modular design allows easy connection and section adjustments
- Variety of accessories, regulation and inactive connection parts.



Advantages

Intersecting cold air stream

In rooms with large glass surfaces, cold air downwash is present from glass surfaces towards the rest of the room. Floor convectors intersect the cold air stream, creating a warm barrier between cold glass surface and the rest of the room. It improves the room comfort and prevents fogging of the glass surfaces.

Cost effective

As an addition to floor heating system, floor convectors are great solution for short-term heating requirements during transitional periods between seasons. In this way heating is only delivered when necessary, avoiding unwanted heat transfer and saving money.

Instant heating

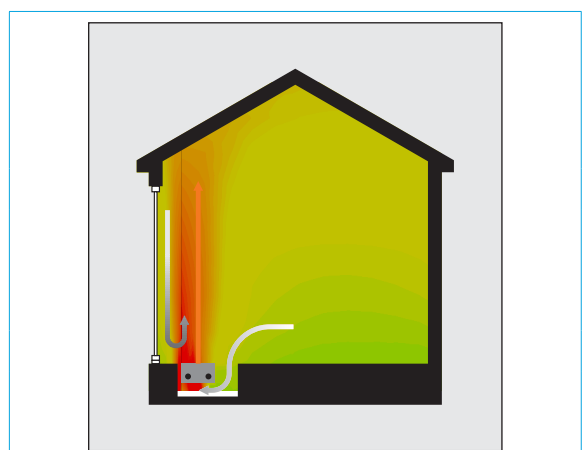
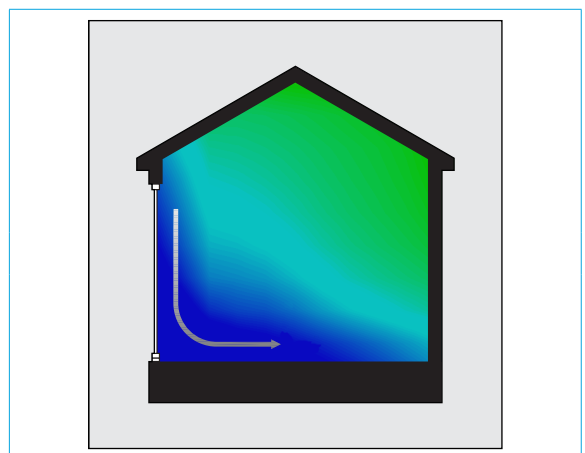
Heat exchangers provide rapid heat transfer due to large heat exchange surface. It is especially beneficial in combination with slow heating systems.

High heat output at low input water temperatures

In heating systems with low water temperatures, floor convectors with forced convection are used. The principle of forced convection greatly increases heat output.

Attractive design

Compared to classical heating systems, floor convectors are not using up usefull space nor interfering with room arrangement.



PKV | FOR DAMP LOCATIONS

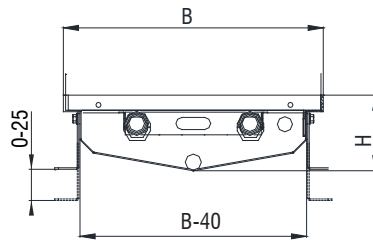
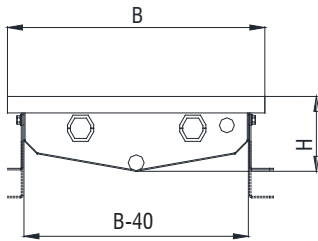
- Version for heating of damp areas (swimming pools, winter gardens etc.)
- Natural or forced convection
- Special 12V crossflow fans (power supply unit has to be provided outside of the floor convector)
- Unique casing design with water drain and dividing rack

Length: 1000 to 3000 mm
 Height: 110 or 140 mm
 Heat output:
 Heat exchanger: 1-row, 2-row, 3-row

Fans / Controls
 12 V DC



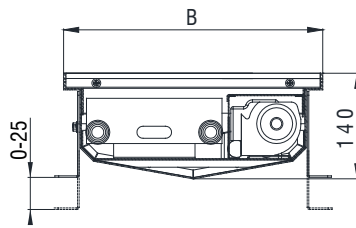
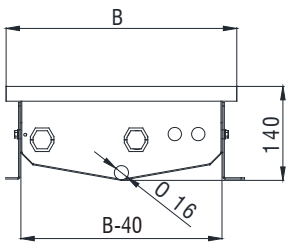
PKV-N (Natural convection)



connection - R 1/2"

Heat exchanger	B [mm]	H [mm]
1-row	250	100
		140
		170
2-rows	340	100
		140
		170
3-rows	440	100
		140
		170

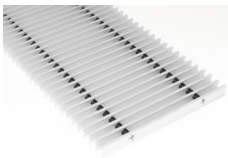
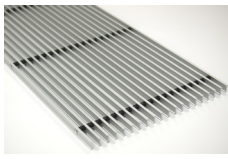

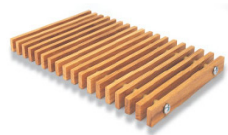
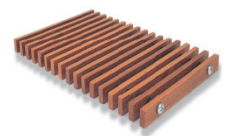
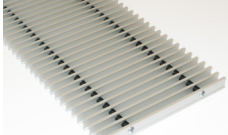
PKV-F (Forced convection)




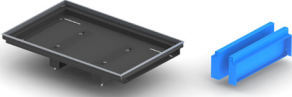
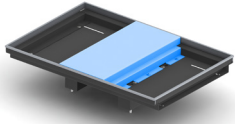
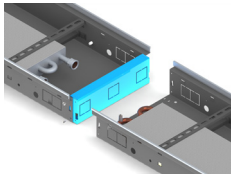
connection - R 1/2"

Heat exchanger	B [mm]	H [mm]
1-row	250	140
2-row	340	140
3-row	440	140

ACCESSORIES

Image	Description	Code	Suitable for
	Roll-up aluminium grille (anodized in natural color)	QL-501-1	All models - 1 row
		QL-501-2	All models - 2 row
		QL-501-3	All models - 3 row
	Roll-up al. grille - anodized (light bronze, bronze, light brown, brown, black)	QL-502-1	All models - 1 row
		QL-502-2	All models - 2 row
		QL-502-3	All models - 3 row
	Roll-up al. grille - RAL...	QL-503-1	All models - 1 row
		QL-503-2	All models - 2 row
		QL-503-3	All models - 3 row
	Linear aluminium grille (anodized in natural color)	QL-504-1	All models - 1 row
		QL-504-2	All models - 2 row
		QL-504-3	All models - 3 row
	Linear al. grille - anodized (light bronze, bronze, light brown, brown, black)	QL-505-1	All models - 1 row
		QL-505-2	All models - 2 row
		QL-505-3	All models - 3 row
	Linear al. grille - RAL...	QL-506-1	All models - 1 row
		QL-506-2	All models - 2 row
		QL-506-3	All models - 3 row
	Roll-up grille - beech	QL-507-1	All models - 1 row
		QL-507-2	All models - 2 row
		QL-507-3	All models - 3 row
	Roll-up grille - oak	QL-508-1	All models - 1 row
		QL-508-2	All models - 2 row
		QL-508-3	All models - 3 row
	Roll-up grille - cherry	QL-509-1	All models - 1 row
		QL-509-2	All models - 2 row
		QL-509-3	All models - 3 row
	Roll-up grille - inox	QL-510-1	All models - 1 row
		QL-510-2	All models - 2 row
		QL-510-3	All models - 3 row

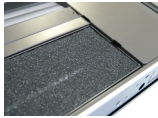













ACCESSORIES

Image	Description	Code	Suitable for	
	Optional F frame	QL-511	All models	
	Inactive section set (L=250 mm)	QL-512-701	PKN 70	1-row
		QL-512-702		2-row
		QL-512-703		3-row
		QL-512-111	PKN 110 / PKF 110	1- row
		QL-512-112		2-row
		QL-512-113		3-row
		QL-512-132	PKH 130	
		QL-512-141	PKN 140 / PKF 140	1-row
		QL-512-142		2-row
		QL-512-143		3-row
		QL-512-152	PKH 150	
		Inactive section set (L=500 mm)	QL-513-701	PKN 70
	QL-513-702		2-row	
	QL-513-703		3-row	
	QL-513-111		PKN 110 / PKF 110	1- row
	QL-513-112			2-row
	QL-513-113			3-row
	QL-513-132		PKH 130	
	QL-513-141		PKN 140 / PKF 140	1-row
	QL-513-142			2-row
	QL-513-143			3-row
	QL-513-152		PKH 150	
	Inactive section set (L=1000 mm)		QL-514-701	PKN 70
		QL-514-702	2-row	
		QL-514-703	3-row	
		QL-514-111	PKN 110 / PKF 110	1- row
		QL-514-112		2-row
QL-514-113		3-row		
QL-514-133		PKH 130		
QL-514-141		PKN 140 / PKF 140	1-row	
QL-514-142			2-row	
QL-514-143			3-row	
QL-514-153		PKH 150		
		Load bearing cover	QL-515-701	All models
	QL-515-702		2-row	
	QL-515-703		3-row	
	Casing connection piece	QL-516-701	PKN 70	1-row
		QL-516-702		2-row
		QL-516-703		3-row
		QL-516-111	PKN 110 / PKF 110	1- row
		QL-516-112		2-row
		QL-516-113		3-row
		QL-516-132	PKH 130	
		QL-516-141	PKN 140 / PKF 140	1-row
		QL-516-142		2-row
		QL-516-143		3-row
		QL-516-152	PKH 150	

ACCESSORIES

Image	Description	Code	Suitable for	
	Cut out section	QL-517-701	PKN 70	1-row
		QL-517-702		2-row
		QL-517-703		3-row
		QL-517-111	PKN 110 / PKF 110	1- row
		QL-517-112		2-row
		QL-517-113		3-row
		QL-517-132	PKH 130	
		QL-517-141	PKN 140 / PKF 140	1-row
		QL-517-142		2-row
		QL-517-143		3-row
		QL-517-152	PKH 150	
	Curved section	QL-518	All models	
	Corner section 90° Roll-up grille	QL-519-701	PKN 70	1-row
		QL-519-702		2-row
		QL-519-703		3-row
		QL-519-111	PKN 110 / PKF 110	1- row
		QL-519-112		2-row
		QL-519-113		3-row
		QL-519-132	PKH 130	
		QL-519-141	PKN 140 / PKF 140	1-row
		QL-519-142		2-row
		QL-519-143		3-row
		QL-519-152	PKH 150	
	Corner section 90° Linear grille	QL-520-701	PKN 70	1-row
		QL-520-702		2-row
		QL-520-703		3-row
		QL-520-111	PKN 110 / PKF 110	1- row
		QL-520-112		2-row
		QL-520-113		3-row
		QL-520-132	PKH 130	
		QL-520-141	PKN 140 / PKF 140	1-row
QL-520-142	2-row			
QL-520-143	3-row			
QL-520-152	PKH 150			

ACCESSORIES

Image	Description	Code	Suitable for
	Filter G2	QL-521	PKF, PKH, PKH-4C (230V AC and 24V EC)
	External casing insulation	QL-522	All models
	Control box AT6	QL-523	PKF, PKH, PKH-4C (230V AC)
	Control box AT6-Relay	QL-524	PKF, PKH, PKH-4C (230V AC)
	Silent drive (230V AC; 0-10V)	QL-525	PKF, PKH, PKH-4C (230V AC)
	Room thermostat - wall (Siemens RAA 21)	QL-526	PKN
	Analog 3-step thermostat - wall (Siemens RAB 11)	QL-527	PKF, PKH (230V AC)
	Analog 3-step thermostat - wall (Siemens RAB 31)	QL-528	PKH-4C (230V AC)
	Digital thermostat - flush (Siemens RDF 510)	QL-529	PKF, PKH (230V AC)
	Digital thermostat - flush (Siemens 400.01)	QL-530	PKF, PKH, PKH-4C (230V AC)
	Frame for RDF thermostat	QL-531	
	Remote control for RDG and RDF	QL-532	
	Digital thermostat - wall (Siemens RDG 100T)	QL-533	PKF, PKH, PKH-4C (230V AC)
	Digital thermostat 0-10V - wall (Seitron TFZ01M)	QL-534	PKF, PKH, PKH-4C (230V AC)
	KOER Codis C35-FC (Temp.)	C35-FC	PKF, PKH, PKH-4C (230V AC and 24V EC)
	KOER Codis C35-FC-B/RS (Temp.-BACnet)	C35-FC-B/RS	
	KOER Codis C35-FC-H (Temp.-Humidity)	C35-FC-H	
	KOER Codis C35-FC-H-B/RS (Temp.-Humidity-BACnet)	C35-FC-H-B/RS	

ACCESSORIES

Image	Description	Code	Suitable for
	Service valve 1/2" Service valve 3/4"	QL-535 QL-536	All models
	Radiator valve straight 1/2" Radiator valve angled 1/2"	QL-537 QL-538	All models
	Thermostatic valve straight 1/2" Thermostatic valve straight 3/4"	QL-539 QL-540	All models
	Thermostatic valve angular 1/2" Thermostatic valve angular 3/4"	QL-541 QL-542	All models
	Lockshield valve straight 1/2" Lockshield valve straight 3/4"	QL-543 QL-544	All models
	Lockshield valve angled 1/2" Lockshield valve angled 3/4"	QL-545 QL-546	All models
	3-way valve 1/2" 3-way valve 3/4"	QL-547 QL-548	All models
	4-way valve 1/2" 4-way valve 3/4"	QL-549 QL-550	All models
	Balancing valve 1/2" Balancing valve 3/4"	QL-551 QL-552	All models
	Flexible couplings 1/2" Flexible couplings 3/4"	QL-553 QL-554	All models

ACCESSORIES

Image	Description	Code		Suitable for
	Thermostat head	QL-555		All models
	Thermostat head - RAL 9016	QL-556		All models
	Thermostat head - RAL 9005	QL-557		All models
	Thermostat head - metal matte	QL-558		All models
	Thermostat head - metal chrome	QL-559		All models
	Thermostat head - white chrome	QL-560		All models
	Cable temperature sensor	QL-561		All models
	Thermostat head with remote regulator	2m	QL-562	All models
		5m	QL-563	All models
		8m	QL-564	All models
	Thermostat head with remote regulator and temperature sensor	QL-565		All models
	Thermal valve actuator 230V AC (NC)	QL-566		All models
	Thermal valve actuator 24V AC (NC)	QL-567		
	Thermal valve actuator 230V AC (NO)	QL-568		
	Thermal valve actuator 24V AC (NO)	QL-569		
	Valve actuator 24V DC; 0-10V	QL-570		All models
	Condensate pump	QL-571		All models
	Magnet switch - window/door	QL-572		All models

Standard delivery:

Steel and aluminium parts powder coated in RAL 9005		Leveling mounts for height adjustment and casing fixing	
Efficient low volume heat exchanger with bleed valve 1/4"		Protective plywood cover	
Silent 230V AC or 24V EC tangential fans		Service cover	
Leveling screws		PVC foil and carton box packaging with polystyrene corner and side protection	
Standard U frame		Installation and operation manual	
Ground terminal		Air valve on heat exchanger	

Ordering key

Accessories

<p>Type PKN / PKF / PKH / PKH-4C PKF-EC / PKH-EC / PKH-4C-EC</p>	<p>PKF - 110 - 1 - 2000</p>	<p>QL-xxx</p>
<p>Casing height 70 (PKN); 110 (PKN, PKF); 130 (PKH, PKH-4C), 140 (PKN, PKF); 150 (PKH, PKH-4C)</p>		
<p>1- row width 210/250 mm 2- row width 300/340 mm 3- row width 400/440 mm</p>		
<p>Casing length [mm]</p>		

