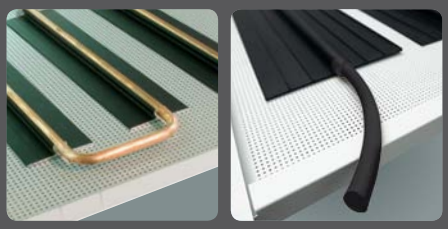
RADIANT CEILING SYSTEMS

giacoklima

Product catalogue

METALLIC



GK AND GK PSV SERIES

GIACOMINI

Technology in Comfort

SUMMARY

Introduction

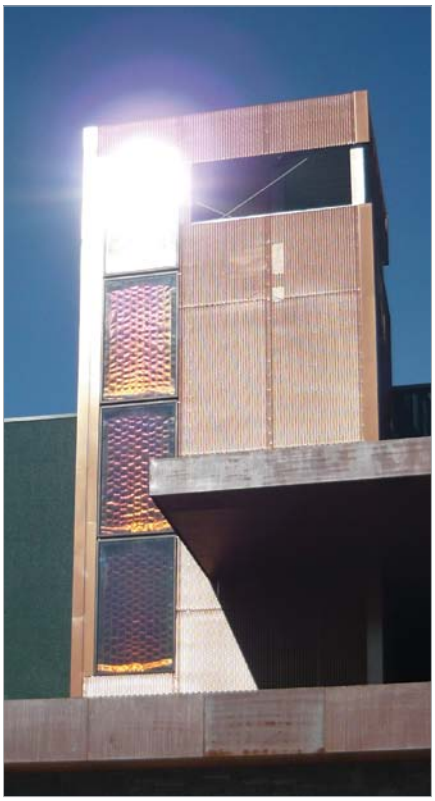
The modern buildings represent a demanding challenge for the design and execution professionals; the complex requirements that arise can be satisfied only really innovative solutions. The purchasers request buildings maintaining their value during the time, guaranteeing low running costs and that can be used with flexibility, given the frequent reconfiguration requirements of the internal spaces.
The architects search aesthetically valuable and highly functional solutions, desire having large freedom in the space exploitation and consider a bond those conditioning system ends that take away useful surface. The thermotechnical designers are oriented towards performance and silent conditioning systems that result as the most convenient not as on purchase, but on the span of the entire useful lifetime.

giacoklima® radiant ceiling system

In a so exigent scene, giacoklima® radiant ceiling presents itself as a simple, rational and innovative solution for the building air conditioning, able to satisfy at its best's the most different requirements; a system capitalizing Giacomini's long experience and the well-established know-how in the manufacture of components and systems for heating and conditioning distribution. For the thermal exchange with the room, the radiant ceiling exploits the radiation transmission, therefore it brings to temperature the casing instead of the air and the only convective effect is that natural. This way there are no perceivable draughts and there is no dust circulation. The large surface of the radiant false ceiling permits a high thermal energy exchange between active surfaces and the room, maintaining very limited temperature differences. With an only system, it is possible heating and cooling buildings, but the system is invisible, as it is integrated into the metallic false ceiling, available in various modules, colours and superficial finishings.

High output, low thermal inertia, great energy efficiency and no maintenance are the factors that convince more the technicians; high comfort, working inexpensiveness, valuable aestethic and large flexibility in the space exploitation are particularly appreciated by the users.. giacoklima® is the ideal solutions for offices, schools, commercial and show-room, airports, hall, conference rooms and, in general, for all buildings where high comfort and consistent energy saving is requested.

Due to the supply temperature of the radiant ceiling, less extreme compared to that one requested by the traditional systems – either in heating or in cooling – and closest to the room temperature, it is possible fully exploiting the potential of energy saving offered by technical solutions at the cutting edge and renewable energy sources. The result is a marked reduction of the CO_2 emissions and a minimization of the impact on the environment, without renouncing to a high comfort. The radiant ceiling turns out to be ideal in combination with last generation high efficiency generators as condensation boilers. The use of heat pumps is particularly favourable that allows exploiting the free and inexhaustible heat present in the air, in the water or in the ground limiting at the most the recourse to fossil fuels. In summer for the cooling of the rooms it is possible using a geothermal system giving up the room heat to the underground by means of landfilled manifolds or depth sensor. In the intermediate seasons, the energy captured and stored by the solar thermal system, prescribed by now in all new constructions, can be used to integrate efficaciously the low temperature heating.



giacoklima® radiant ceiling system

The invisible system to heat in winter and cool in summer

Comfort

giacoklima® radiant ceiling system ensure a climate always ideal and a comfort remarkably higher compared to the traditional systems. The air temperature is constant and uniform in the various rooms either vertically or horizontally; the correct temperature difference between the building inside and outside avoids health problems caused by a too pushed summer conditioning; the radiant exchange eliminates the irritating draughts and the dust circulation: the absence of parts in motion makes the room absolutely silent.

Energy saving

The impact energy of giacoklima® radiant ceiling system is more contained compared to the traditional conditioning system thanks to the supply water temperatures of the circuits which are less extreme either in winter or in summer; a factor that makes it is ideal in combination with high efficiency generators as the condensation boilers and renewable sources as the geothermal and the solar thermal systems, The radiant ceiling represents the more suitable system for those high energy efficiency buildings that directives and norms nowadays require.

Giacomini system

Choosing Giacomini means relying upon an Italian company world leader in the sector of components and systems for heating, cooling, and sanitary distribution that can boast a long experience and thousands of references made with giacoklima® radiant ceiling system with the certainty of a product designed and made entirely in Italy.

Invisible system

With giacoklima® radiant ceiling system, the heating and cooling plant results absolutely invisible, as it is integrated into the metallic false ceiling usually already expected as room finishing in big buildings. The elimination of the system terminals from the internal spaces allows recovering useful space and it ensures the maximum design and architectural freedom in each situation.

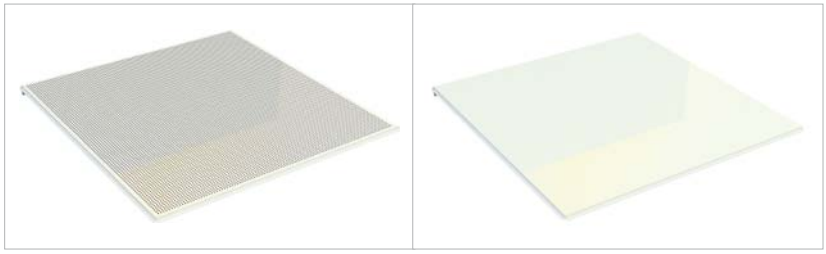
Modularity and ease of inspection

The series of giacoklima® metallic panels allows making radiant false ceilings according to the most widespread standard modularity on the market and satisfies the requirements of designers and architects; on demand panels having out of standard dimensions are available. The panels can be removed and brought vertically to reach the area above the ceiling and effect inspection and maintenance operations without stopping the system.

Active panel

The central element of the giacoklima® ceiling system is represented by the active panel. It is made of robust steel and characterized by a long length due to the protection by means of zinc plating, the panel is available in various dimensions to obtain the most diffused modularity of the common metallic false ceilings. The activation is made by means of thermal diffusers in anodized aluminium that are factory glued to the panel; in order to satisfy different applications, you can choose between two activation types characterized by different values of thermal output. According to the activation type, the hydraulic circuits crossed by the thermovector fluid can be made of copper or plastic material. On the upper part of the panels, a polyester panel having thermal insulation function can be laid down.

Superficial finishing



Each active giacoklima® panel is available in microperforated and plain version. The microperforation has not only an aesthetic function but it improves sensibly the acoustic comfort in those working rooms with many persons – as open-space offices – due to its optimal sound absorbing characteristics. Moreover it can be used to spread in room the primary air uniformly and at a very low speed with great comfort advantages.

Ease of inspection

giacoklima® radiant ceiling can be opened at any time to have free access to the systems positioned in the plenum and effect maintenance interventions. The panels can be brought in vertical position also with working system; according to the versions, they can rotate around the carrying structure where they are coupled or remain hanged to the structure by means of appropriate metallic cables, after being removed from their seat. Traction on the connection pipes is never exercised.

Integration of other systems

All giacoklima® radiant ceiling types allow easily integrating the components of other systems that shall be turned in room, as lights, air diffusers or loudspeakers. Inactive panels of various dimensions are available. They have a preblanking avoiding boring or breaking on the working site; the choice of standard modules permits also using market standard appliances and terminals simply in place of inactive panels. For the installation of components having contained dimensions, as smoke/fire alarms or presence sensors, it is possible exploiting also the carrying elements.

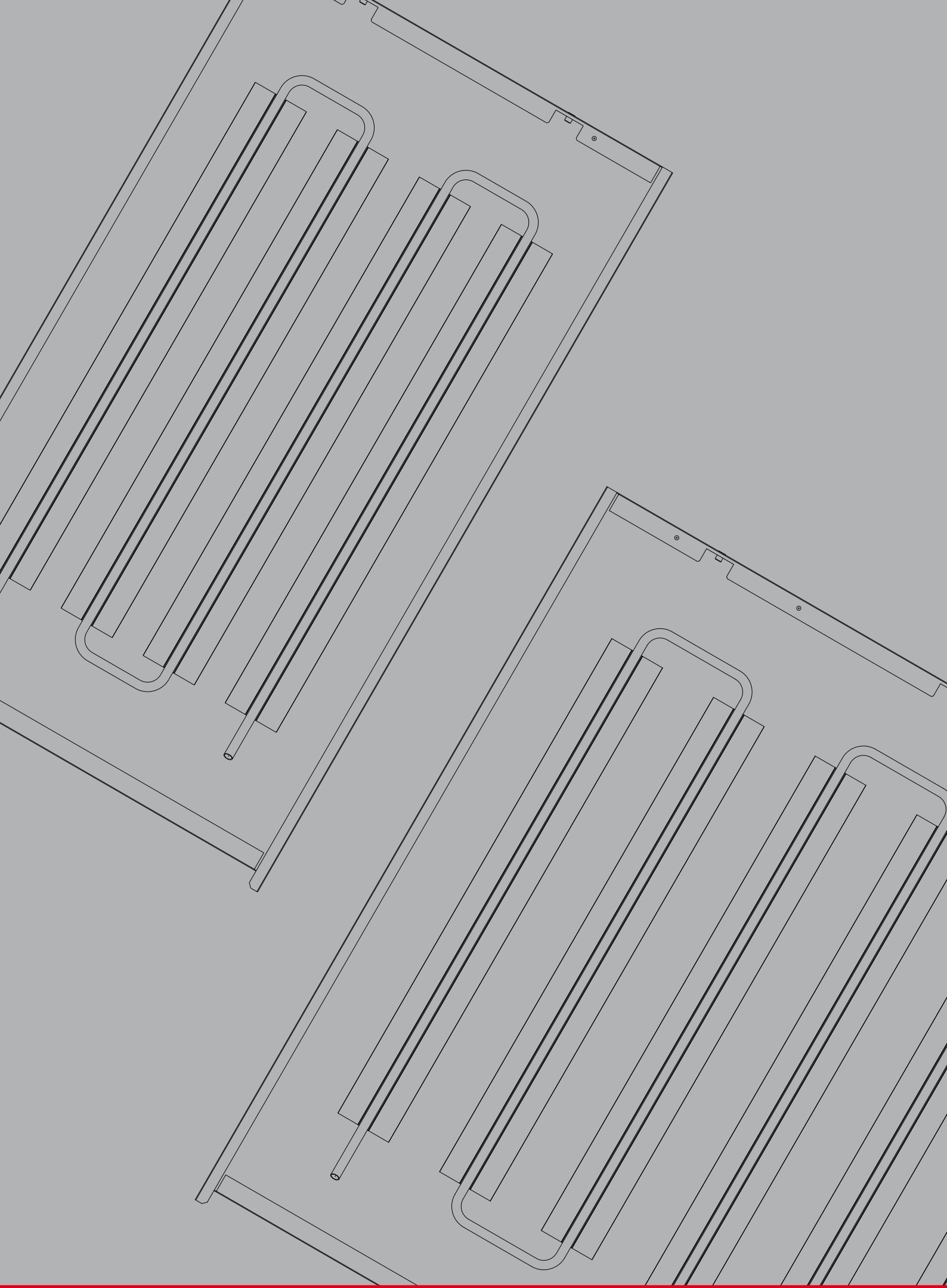
Customization

giacoklima® radiant ceiling offers numerous standard versions and in addition to this, on demand and for minimum quantities, it can be customized concerning the modules, the colour (RAL range), the opening method or the material type.

Material customization:
STAINLESS STEEL version
(for GK120 version only)

Structure customization:
Version with hidden structure
(for GK and GK PSN)

Colour customization:
choice inside RAL range
(for GK, GK PSV and GK PSN)



GK SERIES RADIANT CEILING

GK60 and **GK120** SERIES

giacoklima® GK is a radiant modular false ceiling system particularly suitable for the heating and cooling of offices, hospitals, airports, commercial rooms, schools and service sector buildings in general. From the construction point of view, the system is composed by active and inactive steel sheet panels, steel sheet carrying elements and a suspension system by means of rigid hangers that permit obtaining a perfect flatness and horizontality of the false ceiling. The system allows a false ceiling with two different modules*: 600x1200 mm (GK60, parallel structure) and 1200 x 1200 mm (GK120, crossed structure). Two types of activation (C and A) of your choice permit satisfying different thermal output requirements.

It is possible easily integrating the components of other systems that shall be turned in room – as for example lights or air diffusers – due to inactive panels having an appropriate preblanking, without making boring or breaking. Easy and rapid to be installed, GK radiant false ceiling can be opened any time to have free access to the systems placed in the plenum and make maintenance operations. The availability of the micropunched panels is particularly useful to exploit the plenum for the delivery of the renewal dehumidified air or to make the room acoustics better thanks to the high sound-absorbing power. A proper thermo acoustic panel made of polyester fibre, can be placed on the upper part of the panels when a thermal insulation is needed upwards or to increase the acoustic performance.
(*) On demand, and for minimum quantities, also 300x1200 mm (GK30, parallel structure)

GK60 SERIES - Parallel structure

Page 10

GK120 SERIES - Crossed structure

Page 20

K60

K60 (micropunched)

K60L (plain)

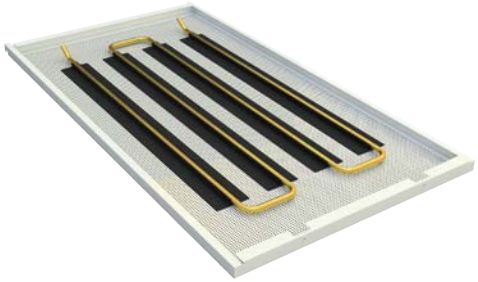
K60 is a steel sheet panel for laying on parallel structure at sight that permits making a modular false ceiling size 600x1200 mm.
K60 is an inactive panel; it has no thermal diffusers and serves to complete the active surface made with K60C or K60A panels.
Plain and micropunched versions are available; the last has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width (16% boring percentage).
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Two safety springs keep the panel on seat and permit the opening and the closing. The K60 panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

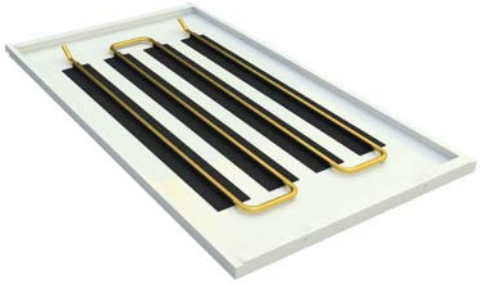
- 0,8 mm zinc coated steel sheet
- Stove enamelled
- For false ceilings module 600x1200 mm
- Inactive (without thermal diffusers)
- Laying on parallel structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- 596x1030 mm panel dimensions

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K60X501	R2516 micropunched	RAL9010 white	2	600 x 1200	596 x 1030
K60LX501	plain	RAL9010 white	2	600 x 1200	596 x 1030
K60X701	R2516 micropunched	RAL9006 silver	2	600 x 1200	596 x 1030
K60LX701	plain	RAL9006 silver	2	600 x 1200	596 x 1030

K60C



K60C (micropunched)



K60LC (plain)

K60C is a steel sheet panel for laying on parallel structure at sight that permits making a modular false ceiling of 600x1200mm.
K60c panel is an active panel; it has 4 thermal diffusers in anodized aluminium of 75 mm width, glued on panels in the factory. The hydraulic circuit is made by through copper serpentine with 12x1 mm pipe.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width (16% boring percentage).
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Two safety springs keep the panel on seat and permit the opening and the closing. The K60 panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,8 mm zinc coated steel sheet
- Stove enamelled
- For false ceilings module 600x1200 mm
- Type C activation
- Laying on parallel structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- K_V= 0,86 (with capacity in l/h and loss of pressure in mm w.c.)
- 596x1030 mm panel dimensions

Nominal outputs

- Cooling (according to EN14240): 96,9 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 87,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K60C panel, consult also the Technical Sheet 0348EN

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K60CX501	R2516 micropunched	RAL9010 white	2	C75	4	600 x 1200	596 x 1030
K60LCX501	plain	RAL9010 white	2	C75	4	600 x 1200	596 x 1030
K60CX701	R2516 micropunched	RAL9006 silver	2	C75	4	600 x 1200	596 x 1030
K60LCX701	plain	RAL9006 silver	2	C75	4	600 x 1200	596 x 1030

K60A

K60A (micropunched)

K60LA (plain)

K60A is a steel sheet panel for laying on parallel structure at sight that permits making a modular false ceiling of 600x1200mm.
K60A panel is an active panel; it has 2 thermal diffusers in anodized aluminium of 220 mm width, glued on panels in the factory. The hydraulic circuit is made by means of a plastic material pipe size 16x1,5 mm with anti-oxygen barrier. The connection in series of the panels among them and to the delivery and return manifolds is made by straight or angle push fittings and plastic material pipe size 16x1,5 mm.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width (16% boring percentage).
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Two safety springs keep the panel on seat and permit the opening and the closing. The K6A panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,8 mm zinc coated steel sheet
- Stove enamelled
- For false ceilings module 600x1200 mm
- Type A activation
- Laying on parallel structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- K_V= 2,11 (with capacity in l/h and loss of pressure in mm w.c.)
- 596x1030 mm panel dimensions

Nominal outputs

- Cooling (according to EN14240): 44,1 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 46,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K60A panel, consult also the Technical Sheet 0347EN

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K60AX501	R2516 micropunched	RAL9010 white	2	A220	2	600 x 1200	596 x 1030
K60LAX501	plain	RAL9010 white	2	A220	2	600 x 1200	596 x 1030
K60AX701	R2516 micropunched	RAL9006 silver	2	A220	2	600 x 1200	596 x 1030
K60LAX701	plain	RAL9006 silver	2	A220	2	600 x 1200	596 x 1030

K60T

K60T (micropunched)

K60LT (plain)

K60T is a steel sheet panel for laying on parallel structure at sight that permits making a modular false ceiling size 600x1200 mm.
K60T is an inactive panel; it has no thermal diffusers and has a preblanking for flush mounting of light appliances or air diffusers.
Plain and micropunched versions are available; the last has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width.
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Two safety springs keep the panel on seat and permit the opening and the closing. The K60T panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.

Main features

- 0,8 mm zinc coated steel sheet
- Stove enamelled
- For false ceilings module 600x1200 mm
- Inactive (without thermal diffusers)
- Square preblanking 576x576 mm for flush mounting of light appliances and air diffusers
- Laying on parallel structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- 596x1030 mm panel dimensions

On demand and for minimum quantities, other preblanking types are available.

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	PREBLANKING [mm]	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K60TX511	R2516 micropunched	RAL9010 white	2	square 576 x 576	600 x 1200	596 x 1030
K60LTX511	plain	RAL9010 white	2	square 576 x 576	600 x 1200	596 x 1030
K60TX711	R2516 micropunched	RAL9006 silver	2	square 576 x 576	600 x 1200	596 x 1030
K60LTX711	plain	RAL9006 silver	2	square 576 x 576	600 x 1200	596 x 1030

Structure and accessories

K832

Brackets for parallel structure carrying elements in zinc coated steel.
Assembly with bolts and self threading screws.

PRODUCT CODE	TYPE	DIMENSIONS [mm]
K832X001	for carrying elements base 150 mm	228 x 52 X 70
K832X002	for carrying elements base 100 mm	178 x 52 X 70

K831

Carrying element for parallel structure in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	FALSE CEILING MODULE [mm]	DIMENSIONS [mm]
K831X522	RAL9010 white	600 x 1200	150 x 1200
K831X532	RAL9010 white	600 x 1200	150 x 1800
K831X542	RAL9010 white	600 x 1200	150 x 2400
K831X524	RAL9010 white	600 x 1150	100 x 1200
K831X534	RAL9010 white	600 x 1150	100 x 1800
K831X544	RAL9010 white	600 x 1150	100 x 2400
K831X722	RAL9006 silver	600 x 1200	150 x 1200
K831X732	RAL9006 silver	600 x 1200	150 x 1800
K831X742	RAL9006 silver	600 x 1200	150 x 2400
K831X724	RAL9006 silver	600 x 1150	100 x 1200
K831X734	RAL9006 silver	600 x 1150	100 x 1800
K831X744	RAL9006 silver	600 x 1150	100 x 2400

KPOR

Header half-carrying element for parallel structure in 08/10 steel sheet, stove enamelled.

PRODUCT CODE	COLOUR	FALSE CEILING MODULE [mm]	DIMENSIONS [mm]
KPOR1X522	RAL9010 white	600 x 1200	50 x 1200
KPOR1X532	RAL9010 white	600 x 1200	50 x 1800
KPOR1X542	RAL9010 white	600 x 1200	50 x 2400
KPOR2X522	RAL9010 white	600 x 1200	75 x 1200
KPOR2X532	RAL9010 white	600 x 1200	75 x 1800
KPOR2X542	RAL9010 white	600 x 1200	75 x 2400
KPOR3X522	RAL9010 white	600 x 1200	100 x 1200
KPOR3X532	RAL9010 white	600 x 1200	100 x 1800
KPOR3X542	RAL9010 white	600 x 1200	100 x 2400

KSTA

Bracket for half-carrying element for parallel structure, base 50, 75 and 100 mm in 20/10 zinc coated steel.
Assembly with bolts and self threading screws.

PRODUCT CODE	TYPE	DIMENSIONS [mm]
KSTA1X001	for half-carrying elements base 50 mm	88 x 52 x 70
KSTA2X001	for half-carrying elements base 75 mm	113 x 52 x 70
KSTA3X001	for half-carrying elements base 100 mm	138 x 52 x 70

K841

Header for parallel structure in steel sheet 08/10 zinc coated and stove enamelled.

PRODUCT CODE	COLOUR	TYPE	DIMENSIONS [mm]
K841X521	RAL9010 white	for structures base 150 mm	150 x 1200
K841X531	RAL9010 white	for structures base 150 mm	150 x 1350
K841X541	RAL9010 white	for structures base 150 mm	150 x 2400
K841X523	RAL9010 white	for structures base 100 mm	100 x 1150
K841X533	RAL9010 white	for structures base 100 mm	100 x 1250
K841X543	RAL9010 white	for structures base 100 mm	100 x 2300
K841X721	RAL9006 silver	for structures base 150 mm	150 x 1200
K841X731	RAL9006 silver	for structures base 150 mm	150 x 1350
K841X741	RAL9006 silver	for structures base 150 mm	150 x 2400
K841X723	RAL9006 silver	for structures base 100 mm	100 x 1150
K841X733	RAL9006 silver	for structures base 100 mm	100 x 1250
K841X743	RAL9006 silver	for structures base 100 mm	100 x 2300

K842

Bracket for header of the parallel structure, in zinc coated 20/10 steel.
Assembly with bolts and self threading screws.

PRODUCT CODE	TYPE	DIMENSIONS [mm]
K842X001	for carrying elements base 150 mm	110 x 52 x 70
K842X002	for carrying elements base 100 mm	60 x 52 x 70

K833

Space cross piece for parallel structure in zinc coated 10/10 steel sheet.
Assembly with bolts.

PRODUCT CODE	TYPE	DIMENSIONS [mm]
K833X001	for carrying elements base 150 mm	30 x 1050

K800L

"L" shape perimeter profile in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800LX501	RAL9010 white	3000	18 x 28
K800LX701	RAL9006 silver	3000	18 x 28

K800C

"C" shape perimeter profile in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800CX501	RAL9010 white	3000	18 x 32 x 18
K800CX701	RAL9006 silver	3000	18 x 32 x 18

K800S

"S" shape perimeter profile in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800SX501	RAL9010 white	3000	18 x 12 x 18
K800SX701	RAL9006 silver	3000	18 x 12 x 18

K835

Stave for lateral compensation in 06/10 zinc coated and stove enamelled steel sheet.

(*) Available on demand and for minimum quantities.

PRODUCT CODE	COLOUR	DIMENSIONS [mm]
K835X511	RAL9010 white	300 x 200
K835X521	RAL9010 white	300 x 300
K835X531	RAL9010 white	300 x 400
K835X541	RAL9010 white	300 x 500
K835X551	RAL9010 white	300 x 600
K835X561	RAL9010 white	300 x 700
K835X571	RAL9010 white	300 x 800

K818

Perforated bar in zinc coated steel sheet for structure assembly.

PRODUCT CODE	LENGTH [mm]	DIMENSIONS [mm]
K818X001	4000	25 x 10

K819

Bracket for perforated bar, zinc coated steel sheet.
Assembly with bolts.

PRODUCT CODE	DIMENSIONS [mm]
K819X001	50 x 95

K820

Thermo-acoustic panel to be used with K60, K60C and K60A panels.
Made of polyester fibre with coupled membrane of nonwowen fabric.

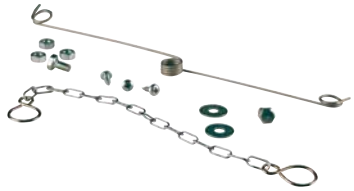
Main features

- Density 20 kg/m^3
- Thickness 25 mm
- Black colour

On demand, and for minimum quantities, other insulation panel types are available.

PRODUCT CODE	DIMENSIONS [mm]
K820X002	610 x 960 x 25

PGK



Assembly accessories.

PRODUCT CODE	TYPE	PACKAGE
PGK01X001	2 springs + 2 washers + 2 screws	1 pc.
PGK06X001	suspension chain with hooks	1 pc.
PGK08X001	M6 x 10 screw	250 pcs.
PGK09X001	M6 nut	250 pcs.
PGK10X001	washer for M6 screw	250 pcs.
PGK11X001	4,2x9,5 self-threading screw, cross cut	250 pcs.
PGK12X001	4,2x13 self-tapping screw, cross cut	500 pcs.

Connection components

K85RC

Connection kit constituted by a flexible pipe in EPDM with anti-oxygen barrier, having a sleeve in stainless steel mesh, and two fittings.

PRODUCT CODE	CONNECTION TYPE	FITTINGS	LENGTH [mm]
K85RCY001	Panel-panel	2 push fittings size 12 mm	750
K85RCY002	Panel-manifold	1 push fitting size 12 mm and 1 threaded G 1/2"F	400

RC102

Straight push fitting for the panel connection in series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC102X004	12
RC102X007	16

RC107

Straight push fitting, male threaded for connection between manifold and the panel series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC107X014	1/2" M	12
RC107X017	1/2" M	16

RC109

Straight push fitting, female threaded for connection between manifold and the panel series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC109X014	1/2" F	12
RC109X017	1/2" F	16

RC122

Angle push fitting for the panel connection in series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC122X004	12
RC122X007	16

RC900

Support sleeve for connections made by means of push fittings and plastic material pipe.

PRODUCT CODE	PIPE [mm]
RC900Y011	12 x 1,5
RC900Y016	16 x 1,5

R986

Polybutylene pipe with anti-oxygen barrier for the panel connection in series between active panels in combination with RC102, RC107 and RC122 push fittings. The pipe section end shall be necessarily completed by the RC900 support sleeve before introduction into the RC push fitting.

On demand, and for minimum quantities, cut pieces of R986 pipe are available and equipped with RC900 support sleeve.

PRODUCT CODE	TYPE	DIMENSIONS [mm]	COIL [m]
R986IY113	Insulated	16 x 1,5	50
R986SY100	Not insulated	12 x 1,5	100
R986SY120	Not insulated	16 x 1,5	100

K120

K120 (micropunched)

K120L (plain)

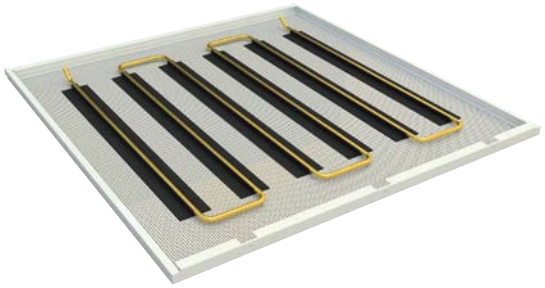
K120 is a panel made of zinc coated steel sheet, stove enamelled, for laying on crossed structure at sight that permits making a modular false ceiling of 1200x1200 mm.
K120 is an inactive panel; it has no thermal diffusers and it serves for completion of the active surface made with K120C or K120A panels.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width (16% boring percentage).
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Three safety springs keep the panel on seat and permit the opening and the closing. The K120 panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

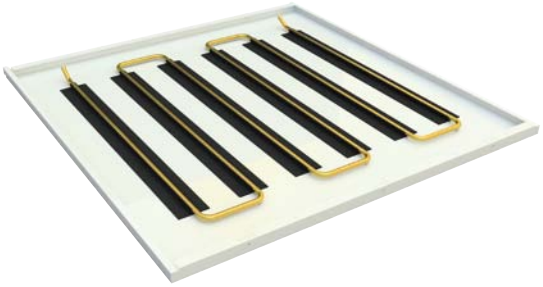
- 0,8 mm zinc coated steel sheet
- For false ceilings module 1200x1200 mm
- Inactive (without thermal diffusers)
- Laying on parallel structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- 1030x1030 mm panel dimensions

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K120X501	R2516 micropunched	RAL9010 white	3	1200 x 1200	1030 x 1030
K120LX501	plain	RAL9010 white	3	1200 x 1200	1030 x 1030
K120X701	R2516 micropunched	RAL9006 silver	3	1200 x 1200	1030 x 1030
K120LX701	plain	RAL9006 silver	3	1200 x 1200	1030 x 1030

K120C



K120C (micropunched)



K120LC (plain)

K120C is a zinc coated steel sheet panel, stove enamelled, for laying on crossed structure at sight that permits making a modular false ceiling of 1200x1200mm.
K120C is an active panel; it has 6 thermal diffusers in anodized aluminium of 75 mm width, glued on panels in the factory. The hydraulic circuit is made through copper serpentine with 12x1 mm pipe.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width (16% boring percentage).
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Three safety springs keep the panel on seat and permit the opening and the closing. The K120C panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,8 mm steel sheet
- For false ceilings module 1200x1200 mm
- Type C activation
- Laying on parallel structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- K_V= 0,73 (with capacity in l/h and loss of pressure in mm w.c.)
- 1030x1030 mm panel dimensions

Nominal outputs

- Cooling (according to EN14240): 96,9 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 87,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K120C panel, consult also the Technical Sheet 0350EN

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K120CX501	R2516 micropunched	RAL9010 white	3	C75	6	1200 x 1200	1030 x 1030
K120CX502	plain	RAL9010 white	3	C75	6	1200 x 1200	1030 x 1030
K120CX701	R2516 micropunched	RAL9006 silver	3	C75	6	1200 x 1200	1030 x 1030
K120CX702	plain	RAL9006 silver	3	C75	6	1200 x 1200	1030 x 1030

K120A

K120A (micropunched)

K120LA (plain)

K120A is a zinc coated steel sheet panel, stove enamelled, for laying on parallel structure at sight that permits making a modular false ceiling of 1200x1200mm.
K120A panel is an active panel; it has 4 thermal diffusers in anodized aluminium of 220 mm width, glued on panels in the factory. The hydraulic circuit is made by means of a plastic material pipe size 16x1,5 mm with anti-oxygen barrier. The connection in series of the panels among them and to the delivery and return manifolds is made by straight or angle push fittings and plastic material pipe size 16x1,5 mm.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width (16% boring percentage).
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Three safety springs keep the panel on seat and permit the opening and the closing. The K120A panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,8 mm steel sheet
- For false ceilings module 1200x1200 mm
- Type A activation
- Laying on parallel structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- K_V= 1,52 (with capacity in l/h and loss of pressure in mm w.c.)
- 1030x1030 mm panel dimensions

Nominal outputs

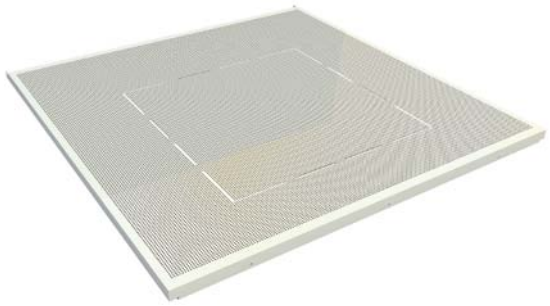
- Cooling (according to EN14240): 44,1 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 46,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K120A panel, consult also the Technical Sheet 0349EN

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K120AX501	R2516 micropunched	RAL9010 white	3	A220	4	1200 x 1200	1030 x 1030
K120AX502	plain	RAL9010 white	3	A220	4	1200 x 1200	1030 x 1030
K120AX701	R2516 micropunched	RAL9006 silver	3	A220	4	1200 x 1200	1030 x 1030
K120AX702	plain	RAL9006 silver	3	A220	4	1200 x 1200	1030 x 1030

K120T



K120T (micropunched)

K120T is a zinc coated steel sheet panel, stove enamelled, for laying on crossed structure at sight that permits making a modular false ceiling size 1200x1200 mm.
K120T is an inactive panel; it has no thermal diffusers and has a preblanking for flush mounting of light appliances or air diffusers.
The panel has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 20 mm width.
Each panel has two hooks fixed in the appropriate buttonholes of the carrying elements, around which the panel can rotate. Three safety springs keep the panel on seat and permit the opening and the closing. The K120T panel can be therefore hooked off, rotated of 90° and positioned vertically to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.

Main features

- 0,8 mm zinc coated steel sheet
- For false ceilings module 1200x1200 mm
- Inactive (without thermal diffusers)
- Preblanking for flush mounting of light appliances and air diffusers
- Laying on crossed structure at sight
- Suspension by means of hooks fixed in the buttonholes of the carrying elements
- Class 0 of fire reaction
- 1030x1030 mm panel dimensions

PRODUCT CODE	PANEL FINISHING	COLOUR	SAFETY SPRINGS	PREBLANKING [mm]	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K120TX521	R2516 micropunched	RAL9010 white	3	square 576 x 576	1200 x 1200	1030 x 1030
K120TX721	R2516 micropunched	RAL9006 silver	3	square 576 x 576	1200 x 1200	1030 x 1030

Structure and accessories

K851

Primary carrying element for crossed structure in 08/10 steel sheet, zinc coated and stove enamelled.

PRODUCT CODE	COLOUR	TYPE [mm]	DIMENSIONS [mm]
K851X501	RAL9010 white	1200 x 1200	150 x 1200
K851X701	RAL9006 silver	1200 x 1200	150 x 1200

K861

Header primary carrying element for crossed structure in 08/10 steel sheet, zinc coated and stove enamelled.

PRODUCT CODE	COLOUR	TYPE [mm]	DIMENSIONS [mm]
K861X501	RAL9010 white	1200 x 1200	150 x 1350
K861X701	RAL9006 silver	1200 x 1200	150 x 1350

K871

Secondary carrying element for crossed structure in 08/10 steel sheet, zinc coated and stove enamelled.

PRODUCT CODE	COLOUR	TYPE [mm]	DIMENSIONS [mm]
K871X501	RAL9010 white	1200 x 1200	150 x 1050
K871X701	RAL9006 silver	1200 x 1200	150 x 1050

K852

Bracket for primary carrying elements in 20/10 steel, zinc coated.
Assembly with bolts and self-threading screws.

PRODUCT CODE	COLOUR	TYPE [mm]	DIMENSIONS [mm]
K852X001	RAL9010 white	120 x 120	150 x 52 x 70

K871T

Secondary carrying element for crossed structure in 08/10 steel sheet, zinc coated and stove enamelled with preblanking for light appliances.

PRODUCT CODE	COLOUR	PREBLANKING [mm]	DIMENSIONS [mm]
K871TX501	RAL9010 white	rectangular 110 x 880	150 x 1050
K871TX711	RAL9006 silver	rectangular 110 x 880	150 x 1050

K891

Special primary carrying element for assembly of GK60 series panels in crossed structure GK120 type in 8/10 steel sheet, zinc coated and stove enamelled.

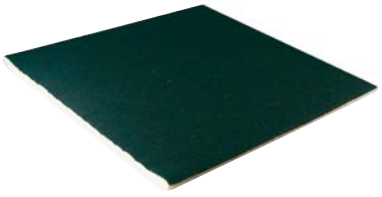
PRODUCT CODE	COLOUR	TYPE	DIMENSIONS [mm]
K891X501	RAL9010 white	GK60 in GK120 crossed structure	150 x 616
K891X701	RAL9006 silver	GK60 in GK120 crossed structure	150 x 616

K832

Bracket for assembly of the K891 carrying element. 20/10 zinc coated steel, assembly with bolts and self-threading screws.

PRODUCT CODE	TYPE	DIMENSIONS [mm]
K832X001	for carrying elements base150 mm	228 x 52 x 70

K820



Thermo acoustic panel to be used with K120, K120C and K120A panels.
Made of polyester fibre with coupled membrane of nonwowen fabric.

Main features

- Density 20 kg/m^3
- Thickness 25 mm
- Black colour

On demand, and for minimum quantities, other insulation panel types are available.

PRODUCT CODE	DIMENSIONS [mm]
K820X003	1040 x 960 x 25

K800L

"L" shape perimeter profile in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800LX501	RAL9010 white	3000	18 x 28
K800LX701	RAL9006 silver	3000	18 x 28

K800C

"C" shape perimeter profile in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800CX501	RAL9010 white	3000	18 x 32 x 18
K800CX701	RAL9006 silver	3000	18 x 32 x 18

K800S

"S" shape perimeter profile in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800SX501	RAL9010 white	3000	18 x 12 x 18
K800SX701	RAL9006 silver	3000	18 x 12 x 18

K835

Stave for lateral compensation in 06/10 zinc coated and stove enamelled steel sheet.

Available on demand and for minimum quantities.

PRODUCT CODE	COLOUR	DIMENSIONS [mm]
K835X511	RAL9010 white	300 x 200
K835X521	RAL9010 white	300 x 300
K835X531	RAL9010 white	300 x 400
K835X541	RAL9010 white	300 x 500
K835X551	RAL9010 white	300 x 600
K835X561	RAL9010 white	300 x 700
K835X571	RAL9010 white	300 x 800

K818

Perforated bar in zinc coated steel sheet for structure assembly.

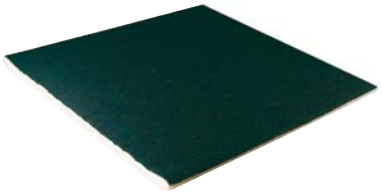
PRODUCT CODE	LENGTH [mm]	DIMENSIONS [mm]
K818X001	4000	25 x 10

K819

Bracket for perforated bar, zinc coated steel sheet.
Assembly with bolts.

PRODUCT CODE	DIMENSIONS [mm]
K819X001	50 x 95

K820



Thermo-acoustic panel to be used with K120, K120C and K120A panels.
Made of polyester fibre with coupled membrane of nonwowen fabric.

Main features

- Density 20 kg/m^3
- Thickness 25 mm
- Black colour

On demand, and for minimum quantities, other insulation panel types are available.

PRODUCT CODE	DIMENSIONS [mm]
K820X003	1040 x 960 x 25

PGK

Assembly accessories.

PRODUCT CODE	TYPE	PACKAGE
PGK01X001	2 springs + 2 washers + 2 screws	1 pc.
PGK06X001	suspension chain with hooks	1 pc.
PGK08X001	M6 x 10 screw	250 pcs.
PGK09X001	M6 nut	250 pcs.
PGK10X001	washer for M6 screw	250 pcs.
PGK11X001	4,2x9,5 self-threading screw, cross cut	250 pcs.
PGK12X001	4,2x13 self-tapping screw, cross cut	500 pcs.

Connection components

K85RC

Connection kit constituted by a flexible pipe in EPDM with anti-oxygen barrier, having a sleeve in stainless steel mesh, and two fittings.

PRODUCT CODE	CONNECTION TYPE	FITTINGS	LENGTH [mm]
K85RCY001	Panel-panel	2 push fittings size 12 mm	750
K85RCY002	Panel-manifold	1 push fitting size 12 mm and 1 threaded G 1/2"F	400

RC102

Straight push fitting for the panel connection in series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC102X004	12
RC102X007	16

RC107

Straight push fitting, male threaded for connection between manifold and the panel series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC107X014	1/2" M	12
RC107X017	1/2" M	16

RC109

Straight push fitting, female threaded for connection between manifold and the panel series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC109X014	1/2" F	12
RC109X017	1/2" F	16

RC122

Angle push fitting for the panel connection in series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC122X004	12
RC122X007	16

RC900

Support sleeve for connections made by means of push fittings and plastic material pipe.

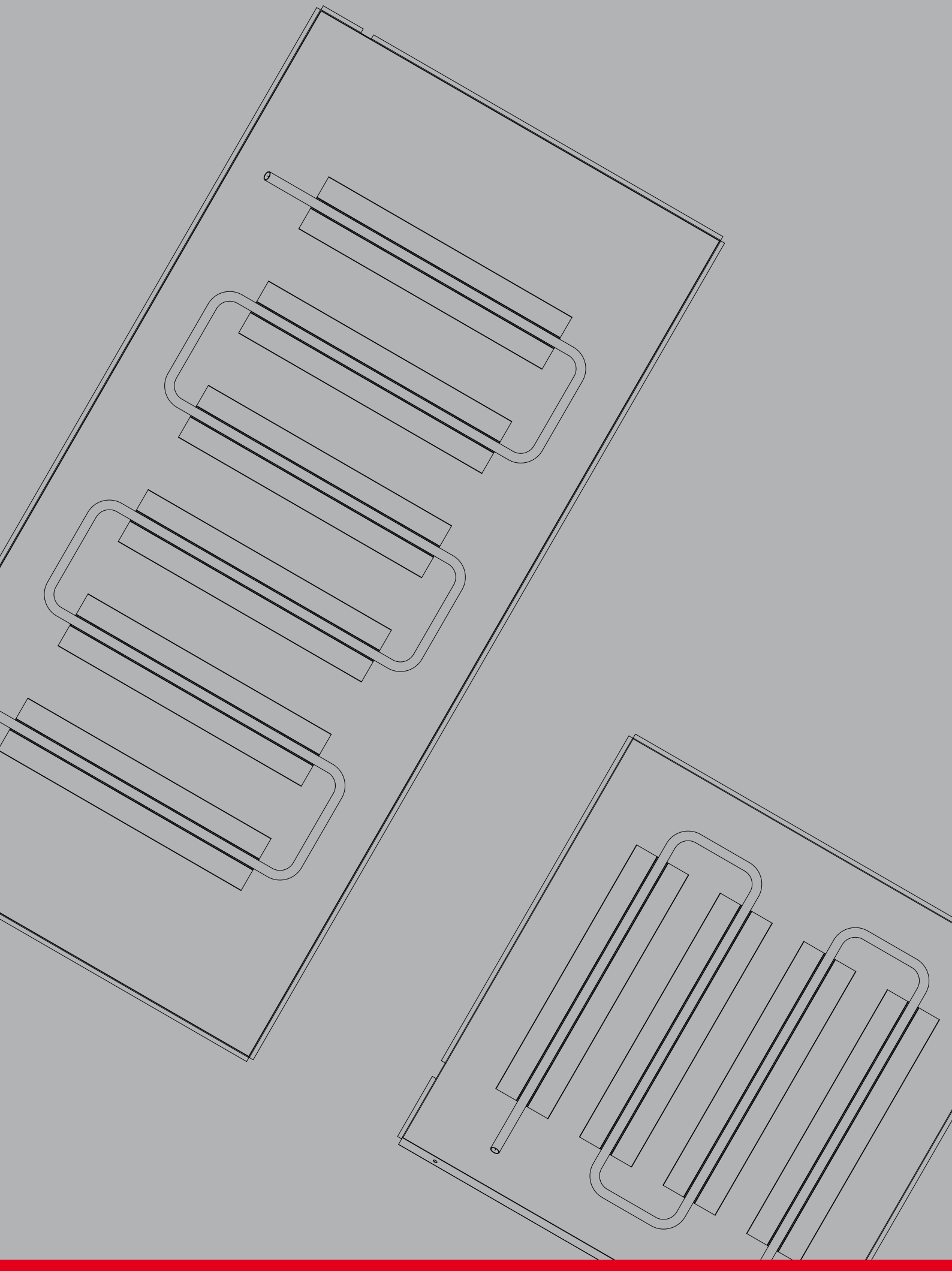
PRODUCT CODE	PIPE [mm]
RC900Y011	12 x 1,5
RC900Y016	16 x 1,5

R986

Polybutylene pipe with anti-oxygen barrier for the panel connection in series between active panels in combination with RC102, RC107 and RC122 push fittings. The pipe section end shall be necessarily completed by the RC900 support sleeve before introduction into the RC push fitting.

On demand, and for minimum quantities, cut pieces of R986 pipe are available and equipped with RC900 support sleeve.

PRODUCT CODE	TYPE	DIMENSIONS [mm]	COIL [m]
R986IY113	Insulated	16 x 1,5	50
R986SY100	not insulated	12 x 1,5	100
R986SY120	not insulated	16 x 1,5	100



GK PSV SERIES RADIANT CEILING

GK60x60 PSV and **GK60X120 PSV** SERIES

giacoklima® GK PSV is a radiant modular false ceiling system particularly suitable for the heating and cooling of offices, hospitals, airports, commercial rooms, schools and service sector buildings in general. From the construction point of view, the system is composed by active and inactive steel sheet panels, T shaped steel sheet carrying elements, base 24 mm, and a suspension system by means of rigid hangers and millimetric regulation springs that permit obtaining a perfect flatness and horizontality of the false ceiling. Two activation types (C and A) of your choice permit satisfying different thermal output requirements. The standard module 600x600 mm, feature of the GKPSV system, offers the advantage of easily integrating the components of other systems that shall be turned in room – as for example lights or air diffusers – without cutting the panels, making boring or breaking. In alternative, the module 600x1200 mm is available too.

Easy and rapid to be installed, GK PSV radiant false ceiling can be opened any time to have free access to the systems placed in the plenum and make maintenance operations. The availability of the micropunched panels is particularly useful to exploit the plenum for the delivery of the renewal dehumidified air or to make the room acoustics better thanks to the high sound-absorbing power. A proper thermo acoustic panel made of polyester fibre, can be placed on the upper part of the panels when a thermal insulation is needed upwards or to increase the acoustic performance.

(*) On demand, and for minimum quantities, also the GK PSN version is available for assembly on hidden structure.

GK60x60 PSV SERIES

Page 32

GK60x120 PSV SERIES

Page 38

K6

K6 (micropunched)

K6L (plain)

K6 is a prepainted steel sheet panel for laying on T shaped structure, base 24 mm, that permits making a modular false ceiling.
K6 is an inactive panel; it has no thermal diffusers and serves to complete the active surface made with K6C or K6A panels.
Plain and micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 15 mm width (16% boring percentage). The panel is prearranged for the introduction of two PGK suspension cables that are fixed to the T carrying structure during the assembly.
The K6 panel can be therefore hooked off and positioned vertically, by remaining hanged to the two cables, to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,6 mm zinc coated steel sheet
- For false ceilings module 600x600 mm
- Inactive (without thermal diffusers)
- Laying on T shaped structure, base 24 mm
- Suspension by means of cables
- Class 0 of fire reaction
- 575x575 mm panel dimensions

PRODUCT CODE	PANEL FINISHING	COLOUR	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K6X300	R2516 micropunched	RAL9010 white	600 x 600	575 x 575
K6LX300	plain	RAL9010 white	600 x 600	575 x 575
K6X200	R2516 micropunched	RAL9006 silver	600 x 600	575 x 575
K6LX200	plain	RAL9006 silver	600 x 600	575 x 575

K6C

K6C (micropunched)

K6LC (plain)

K6C is a steel sheet panel for laying on T shaped structure, base 24 mm that permits making a modular false ceiling.
K6C panel is an active panel; it has 4 thermal diffusers in anodized aluminium of 75 mm width, glued on panels in the factory. The hydraulic circuit is made through copper serpentine with 12x1 mm pipe.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 15 mm width (16% boring percentage).
The panel is prearranged for the introduction of two PGK suspension cables that are fixed to the T carrying structure during the assembly.
The K6C panel can be therefore hooked off and positioned vertically, by remaining hanged to the two cables, to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,6 mm zinc coated steel sheet
- For false ceilings module 600x600 mm
- Type C activation
- Laying on T shaped structure base 24 mm
- Suspension by means of cables
- Class 0 of fire reaction
- K_V= 0,96 (with capacity in l/h and loss of pressure in mm w.c.)
- 575x575 mm panel dimensions

Nominal outputs

- Cooling (according to EN14240): 96,9 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 87,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K6C panel, consult also the Technical Sheet 0344EN

PRODUCT CODE	PANEL FINISHING	COLOUR	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K6CX300	R2516 micropunched	RAL9010 white	C75	4	600 x 600	575 x 575
K6LCX300	plain	RAL9010 white	C75	4	600 x 600	575 x 575
K6CX200	R2516 micropunched	RAL9006 silver	C75	4	600 x 600	575 x 575
K6LCX200	plain	RAL9006 silver	C75	4	600 x 600	575 x 575

K6A

K6A (micropunched)

K6LA (plain)

K6A is a prepainted steel sheet panel for laying on T shaped structure, base 24 mm that permits making a modular false ceiling.
K6A panel is an active panel; it has 2 thermal diffusers in anodized aluminium of 220 mm width, glued on panels in the factory. The hydraulic circuit is made by means of a plastic material pipe size 16x1,5 mm with anti-oxygen barrier. The connection in series of the panels among them and to the delivery and return manifolds is made by straight or angle push fittings and plastic material pipe size 16x1,5 mm.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 15 mm width (16% boring percentage).
The panel is prearranged for the introduction of two PGK suspension cables that are fixed to the T carrying structure during the assembly.
The K6A panel can be therefore hooked off and positioned vertically, by remaining hanged to the two cables, to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,6 mm zinc coated steel sheet
- For false ceilings module 600x600 mm
- Type A activation
- Laying on T shaped structure base 24 mm
- Suspension by means of cables
- Class 0 of fire reaction
- K_V= 2,30 (with capacity in l/h and loss of pressure in mm w.c.)
- 575x575 mm panel dimensions

Nominal outputs

- Cooling (according to EN14240): 44,1 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 46,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K6A panel, please consult also the Technical Sheet 0343EN

PRODUCT CODE	PANEL FINISHING	COLOUR	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K6AX300	R2516 micropunched	RAL9010 white	A220	2	600 x 600	575 x 575
K6LAX300	plain	RAL9010 white	A220	2	600 x 600	575 x 575
K6AX200	R2516 micropunched	RAL9006 silver	A220	2	600 x 600	575 x 575
K6LAX200	plain	RAL9006 silver	A220	2	600 x 600	575 x 575

Structure and accessories

KSV

T shaped structure base 24 mm made of prepainted steel sheet.

PRODUCT CODE	COLOUR	FALSE CEILING MODULE [mm]	DIMENSIONS [mm]
KSV6X300	RAL9010 white	600 x 600	600
KSV12X300	RAL9010 white	600 x 600	1200
KSV36X300	RAL9010 white	600 x 600	3600
KSV6X200	RAL9006 silver	600 x 600	600
KSV12X200	RAL9006 silver	600 x 600	1200
KSV36X200	RAL9006 silver	600 x 600	3600

K800L

"L" shaped perimeter profile in 08/10 zinc coated and stove enamelled steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800LX301	RAL9010 white	3000	18 x 28
K800LX201	RAL9006 silver	3000	18 x 28

PGK

Suspension metallic cable for GK PSV panels.

PRODUCT CODE	LENGTH [mm]
PGK06X002	312

K820

Thermo-acoustic panel to be used with K6, K6C and K6A panels.
Made of polyester fibre with coupled membrane of nonwowen fabric.

Main features

- Density 20 kg/m^3
- Thickness 25 mm
- Black colour

On demand, and for minimum quantities, other insulation panel types are available.

PRODUCT CODE	DIMENSIONS [mm]
K820X004	580 x 580 x 25

Connection components

R986

Polybutylene pipe with anti-oxygen barrier for the panel connection in series between active panels in combination with RC102, RC107 and RC122 push fittings. The pipe section end shall be necessarily completed by the RC900 support sleeve before introduction into the RC push fitting.
On demand, and for minimum quantities, cut pieces of R986 pipe are available and equipped with RC900 support sleeve.

PRODUCT CODE	TYPE	DIMENSIONS [mm]	COIL [m]
R986IY113	Insulated	16 x 1,5	50
R986SY100	not insulated	12 x 1,5	100
R986SY120	not insulated	16 x 1,5	100

RC102

Straight push fitting for the panel connection in series.

Main features
- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC102X004	12
RC102X007	16

RC107

Straight push fitting, male threaded for connection between manifold and the panel series.

Main features
- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC107X014	1/2" M	12
RC107X017	1/2" M	16

RC109

Straight push fitting, female threaded for connection between manifold and the panel series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC109X014	1/2" F	12
RC109X017	1/2" F	16

RC122

Angle push fitting for the panel connection in series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC122X004	12
RC122X007	16

RC900

Support sleeve for connections made by means of push fittings and plastic material pipe.

PRODUCT CODE	PIPE [mm]
RC900Y011	12 x 1,5
RC900Y016	16 x 1,5

K85RC

Connection kit constituted by a flexible pipe in EPDM with anti-oxygen barrier, having a sleeve in stainless steel mesh, and two fittings.

PRODUCT CODE	CONNECTION TYPE	FITTINGS	LENGTH [mm]
K85RCY001	Panel-panel	2 push fittings size 12 mm	750
K85RCY002	Panel-manifold	1 push fitting size 12 mm and 1 threaded G 1/2"F	400

K12

K12 (micropunched)

K12L (plain)

K12 is a prepainted steel sheet panel for laying on T shaped structure, base 24 mm that permits making a modular false ceiling.
K12 panel is an inactive panel; it has no thermal diffusers and serves to complete the active surface made with K12C or K12A panels.
Plain and micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 15 mm width (16% boring percentage). The panel is prearranged for the introduction of two PGK suspension cables that are fixed to the T carrying structure during the assembly.
The K12 panel can be therefore hooked off and positioned vertically, by remaining hanged to the two cables, to open the false ceiling and reach the plenum to inspect or make maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,6 mm zinc coated steel sheet
- For false ceilings module 600x1200 mm
- Inactive (without thermal diffusers)
- Laying on T shaped structure, base 24 mm
- Suspension by means of PGK cables
- Class 0 of fire reaction
- 575x1175 mm panel dimensions

PRODUCT CODE	PANEL FINISHING	COLOUR	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K12X300	R2516 micropunched	RAL9010 white	600 x 1200	575 x 1175
K12LX300	plain	RAL9010 white	600 x 1200	575 x 1175
K12X200	R2516 micropunched	RAL9006 silver	600 x 1200	575 x 1175
K12LX200	plain	RAL9006 silver	600 x 1200	575 x 1175

K12C

K12C (micropunched)

K12LC (plain)

K12C is a prepainted steel sheet panel for laying on T shaped structure, base 24 mm that permits making a modular false ceiling.
K12C panel is an active panel; it has 6 thermal diffusers in anodized aluminium of 75 mm width, glued on panels in the factory. The hydraulic circuit is made through copper serpentine with 12x1 mm pipe.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 15 mm width (16% boring percentage).
The panel is prearranged for the introduction of two PGK suspension cables that are fixed to the T carrying structure during the assembly.
The K12C panel can be therefore hooked off and positioned vertically, by remaining hanged to the two cables, to open the false ceiling and reach the plenum for inspection or maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,6 mm zinc coated steel sheet
- For false ceilings module 600x1200 mm
- Type C activation
- Laying on T shaped structure base 24 mm
- Suspension by means of PGK cables
- Class 0 of fire reaction
- K_V= 0,81 (with capacity in l/h and loss of pressure in mm w.c.)
- 575x1175 mm panel dimensions

Nominal outputs

- Cooling (according to EN14240): 96,9 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 87,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K12C panel, please consult also the Technical Sheet 0346EN

PRODUCT CODE	PANEL FINISHING	COLOUR	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K12CX300	R2516 micropunched	RAL9010 white	C75	6	600 x 1200	575 x 1175
K12LCX300	plain	RAL9010 white	C75	6	600 x 1200	575 x 1175
K12CX200	R2516 micropunched	RAL9006 silver	C75	6	600 x 1200	575 x 1175
K12LCX200	plain	RAL9006 silver	C75	6	600 x 1200	575 x 1175

K12A

K12A (micropunched)

K12LA (plain)

K12A is a prepainted steel sheet panel for laying on T shaped structure, base 24 mm that permits making a modular false ceiling.
K12A panel is an active panel; it has 2 thermal diffusers in anodized aluminium of 220 mm width, glued on panels in the factory. The hydraulic circuit is made by means of a plastic material pipe size 16x1,5 mm with anti-oxygen barrier. The connection in series of the panels among them and to the delivery and return manifolds is made by straight or angle push fittings and plastic material pipe size 16x1,5 mm.
The plain and the micropunched versions are available; this last one has a boring having 2,5 mm diameter holes on all surface except for a perimeter area of 15 mm width (16% boring percentage).
The panel is prearranged for the introduction of two PGK suspension cables that are fixed to the T carrying structure during the assembly.
The K12A panel can be therefore hooked off and positioned vertically, by remaining hanged to the two cables, to open the false ceiling and reach the plenum for inspection or maintenance of the other plants, even with system running.
The need of thermal insulation can be satisfied with the use of the K820 thermo acoustic panel in polyester fibre.

Main features

- 0,6 mm zinc coated steel sheet
- For false ceilings module 600x1200 mm
- Type A activation
- Laying on T shaped structure base 24 mm
- Suspension by means of cables
- Class 0 of fire reaction
- K_V= 2,11 (with capacity in l/h and loss of pressure in mm w.c.)
- 575x1175 mm panel dimensions

Nominal outputs

- Cooling (according to EN14240): 44,1 W/m^2 with ΔT water-room of 8 K.
- Heating (according to EN14037): 46,3 W/m^2 with ΔT water-room of 10 K.

The indicated outputs refer to the active area of the panel as prescribed by the relative EN standards: for further information, consult also the Technical Manual 0138EN.

For further information about K12A panel, please consult also the Technical Sheet 0345EN

PRODUCT CODE	PANEL FINISHING	COLOUR	ACTIVATION TYPE	DIFFUSER NUMBER	FALSE CEILING MODULE [mm]	PANEL DIMENSIONS [mm]
K12AX300	R2516 micropunched	RAL9010 white	A220	2	600 x 1200	575 x 1175
K12LAX300	plain	RAL9010 white	A220	2	600 x 1200	575 x 1175
K12AX200	R2516 micropunched	RAL9006 silver	A220	2	600 x 1200	575 x 1175
K12LAX200	plain	RAL9006 silver	A220	2	600 x 1200	575 x 1175

Structure and accessories

KSV

T shaped structure base 24 mm made of prepainted steel sheet.

PRODUCT CODE	COLOUR	FALSE CEILING MODULE [mm]	DIMENSIONS [mm]
KSV6X300	RAL9010 white	600 x 600	600
KSV12X300	RAL9010 white	600 x 600	1200
KSV36X300	RAL9010 white	600 x 600	3600
KSV6X200	RAL9006 silver	600 x 600	600
KSV12X200	RAL9006 silver	600 x 600	1200
KSV36X200	RAL9006 silver	600 x 600	3600

K800L

"L" shaped perimeter profile in 08/10 zinc coated and prepainted steel sheet.

PRODUCT CODE	COLOUR	LENGTH [mm]	DIMENSIONS [mm]
K800LX301	RAL9010 white	3000	18 x 28
K800LX201	RAL9006 silver	3000	18 x 28

PGK

Suspension metallic cable for GK PSV panels.

PRODUCT CODE	LENGTH [mm]
PGK06X002	312

K820

Thermo-acoustic panel to be used with K12, K12C and K12A panels.
Made of polyester fibre with coupled membrane of nonwowen fabric.

Main features

- Density 20 kg/m^3
- Thickness 25 mm
- Black colour

On demand, and for minimum quantities, other insulation panel types are available.

PRODUCT CODE	DIMENSIONS [mm]
K820X005	580 x 1180 x 25

Connection components

R986

Polybutylene pipe with anti-oxygen barrier for the panel connection in series between active panels in combination with RC102, RC107 and RC122 push fittings. The pipe section end shall be necessarily completed by the RC900 support sleeve before introduction into the RC push fitting.
On demand, and for minimum quantities, cut pieces of R986 pipe are available and equipped with RC900 support sleeve.

PRODUCT CODE	TYPE	DIMENSIONS [mm]	COIL [m]
R986IY113	Insulated	16 x 1,5	50
R986SY100	Not insulated	12 x 1,5	100
R986SY120	Not insulated	16 x 1,5	100

RC102

Straight push fitting for the panel connection in series.

Main features
- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC102X004	12
RC102X007	16

RC107

Straight push fitting, male threaded for connection between manifold and the panel series.

Main features
- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC107X014	1/2" M	12
RC107X017	1/2" M	16

RC109

Straight push fitting, female threaded for connection between manifold and the panel series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	CONNECTION	PIPE DIAMETER [mm]
RC109X014	1/2" F	12
RC109X017	1/2" F	16

RC122

Angle push fitting for the panel connection in series.

Main features

- Max working pressure 1,6 MPa (16 bar)
- Max working temperature 110°C
- Body made of pressed and nickel plated brass
- Sealing ring in EP
- Blocking toothed ring in AISI 304 stainless steel
- Packed in a protection bag against dust and impurities

PRODUCT CODE	PIPE DIAMETER [mm]
RC122X004	12
RC122X007	16

RC900

Support sleeve for connections made by means of push fittings and plastic material pipe.

PRODUCT CODE	PIPE [mm]
RC900Y011	12 x 1,5
RC900Y016	16 x 1,5

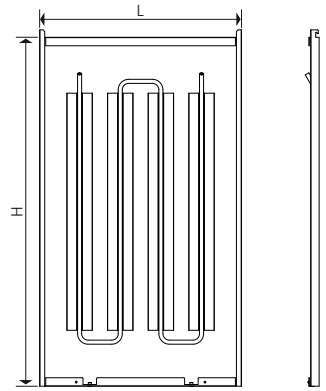
K85RC

Connection kit constituted by a flexible pipe in EPDM with anti-oxygen barrier, having a sleeve in stainless steel mesh, and two fittings.

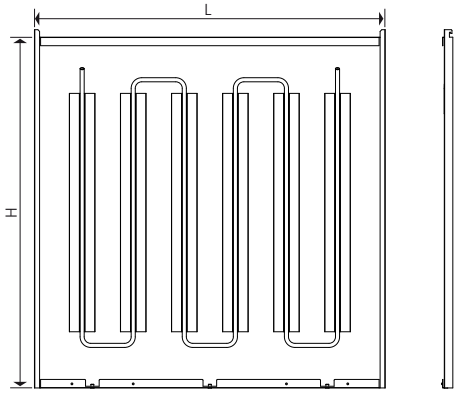
PRODUCT CODE	CONNECTION TYPE	FITTINGS	LENGTH [mm]
K85RCY001	Panel-panel	2 push fittings size 12 mm	750
K85RCY002	Panel-manifold	1 push fitting size 12 mm and 1 threaded G 1/2"F	400

Dimensions

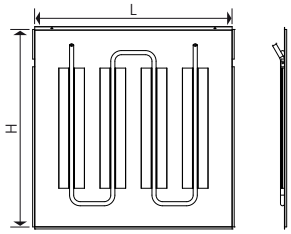
K60	
Dimensions LxH	596 x 1030



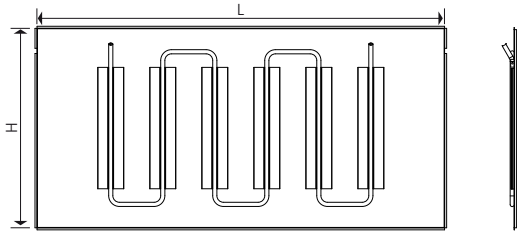
K120	
Dimensions LxH	1030 x 1030



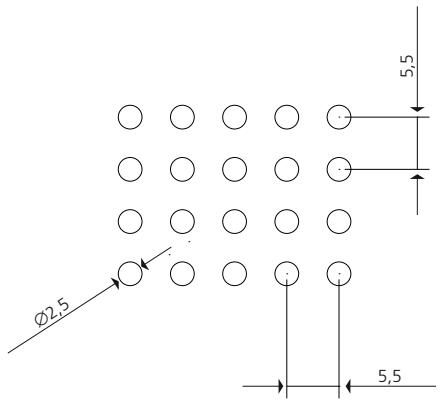
K6	
Dimensions LxH	575 x 575



K12	
Dimensions LxH	1175 x 575



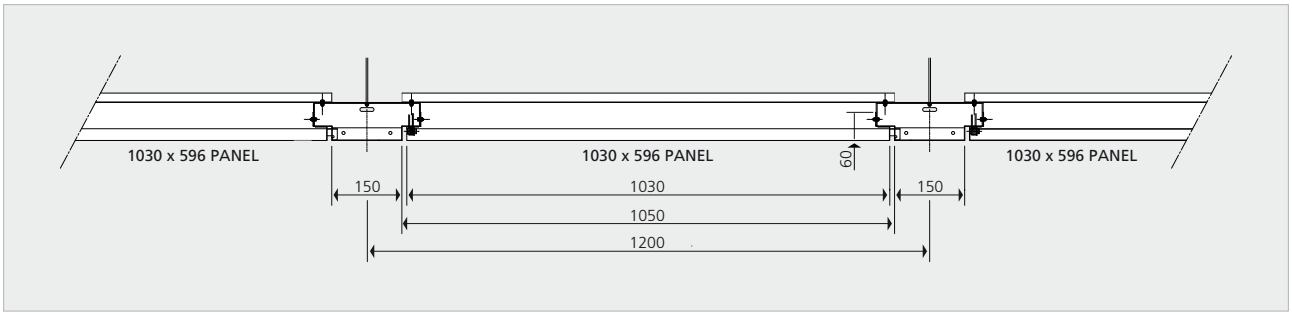
Standard R2516 micropunching



On demand, and for minimum quantities, other micropunching models are available

Standard configuration example for GK60 series

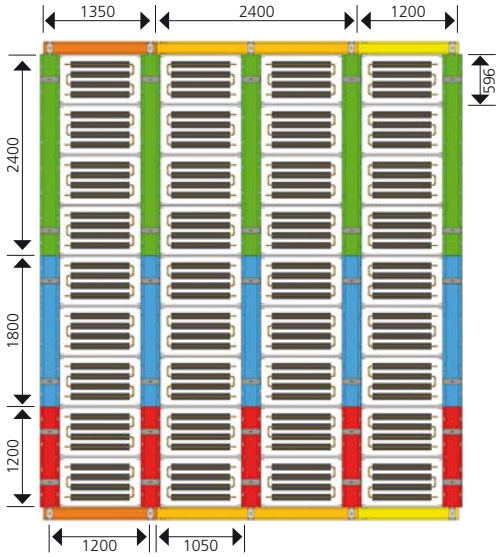
This page reports a standard configuration for the parallel structure (GK60 series ceiling); it is also possible personalizing the solutions according to the specific exigencies.



Sectional view of giacoklima® radiant false ceiling GK60 series (parallel structure, carrying elements base 150 mm).

K831: 150x2400 mm carrying element, 150x1800 mm or 150x1200 mm for parallel structure.
K841: 150x1350 mm header for parallel structure; it is the first header of the roe (it includes the width of two carrying elements and that one of the panel, see figure), size 150x2400 mm or finally, 150x1200 mm.
K60A/K60C (active) or K60 (inactive): panel size 596x1030 mm.

PARALLEL STRUCTURE DETAIL



LEGEND

K831 CARRYING ELEMENT

K831: Carrying element for parallel structure

150x2400 mm

150x1800 mm

150x1200 mm

K481 HEADERS

K841: Headers for parallel structure

150x1350 mm

150x2400 mm

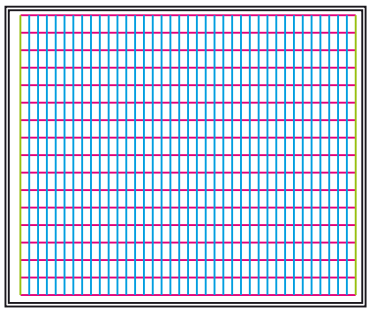
150x1200 mm

K60 PANELS

K60 (inactive) or K60A/K60C (active):

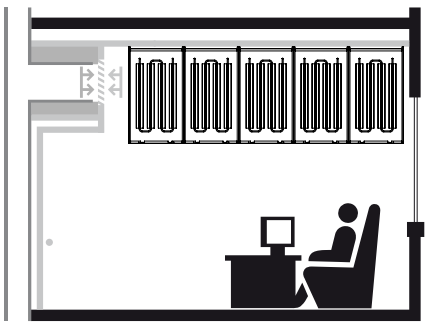
596x1030 mm

GENERAL SCHEME



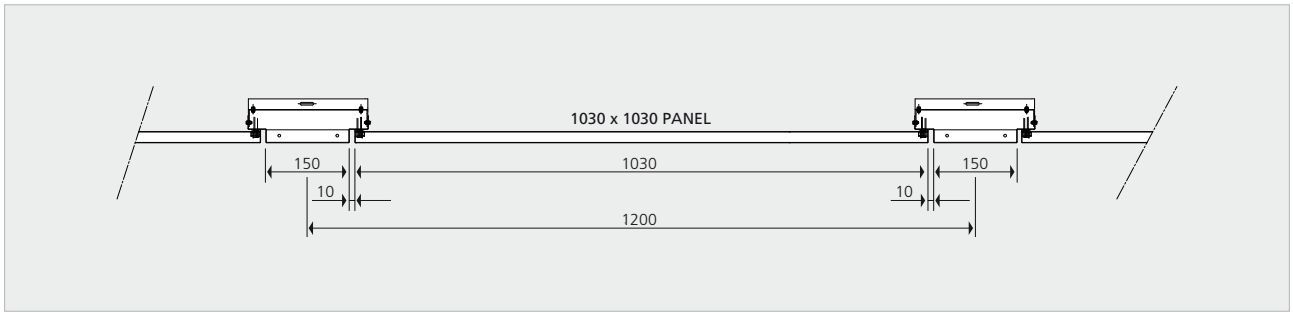
	K831 carrying element
	K481 header
	GK60 module

SUSPENSION WITH HOOKS INTO THE CARRYING ELEMENT BUTTONHOLES



Standard configuration example for GK120 series

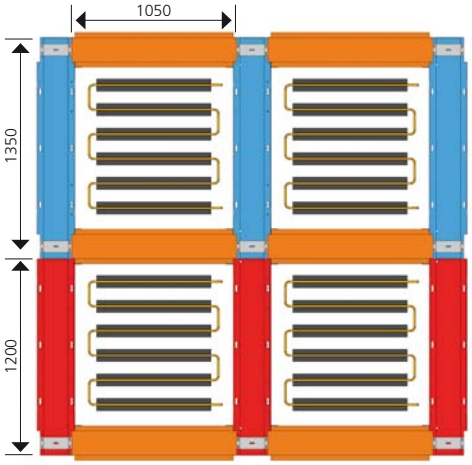
This page reports a standard configuration for the crossed structure (GK120 series ceiling); it is also possible personalizing the solutions according to the specific exigencies.



Sectional view of giacoklima® radiant false ceiling GK120 series (crossedl structure, carrying elements base 150 mm).

K861: 150x1350 mm header primary carrying element for crossed structure, the header carrying element is the first of the primary carrying elements (see figure).
K851: 150x1200 mm primary carrying element for crossed structure.
K120C/K120A (active) or K120 (inactive): panel size 1030x1030 mm.
K871: secondary carrying element size 150x1050 mm for crossed structure.
Between the panel and the primary carrying element, 1 cm is left to permit the panel opening.

CROSSED STRUCTURE DETAIL



LEGEND

CARRYING ELEMENTS

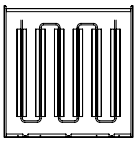
K861: 150x1350 mm
Header primary carrying element

K851: 150x1200 mm
primary carrying element

K871: 150x1050 mm
Secondary carrying element

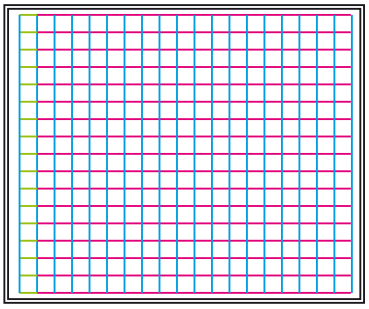
K120 PANELS

K120 (inactive) or K120A/K120C (active):



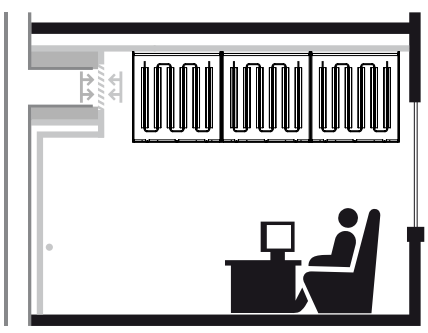
1030x1030 mm

GENERAL SCHEME



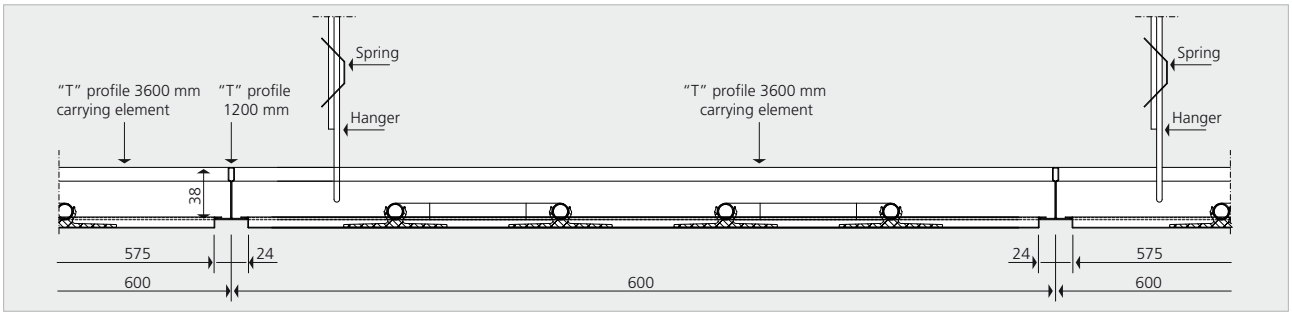
	K851 primary carrying element
	K861 Header primary carrying element
	K871 secondary carrying element

SUSPENSION WITH HOOKS INTO THE CARRYING ELEMENT BUTTONHOLES

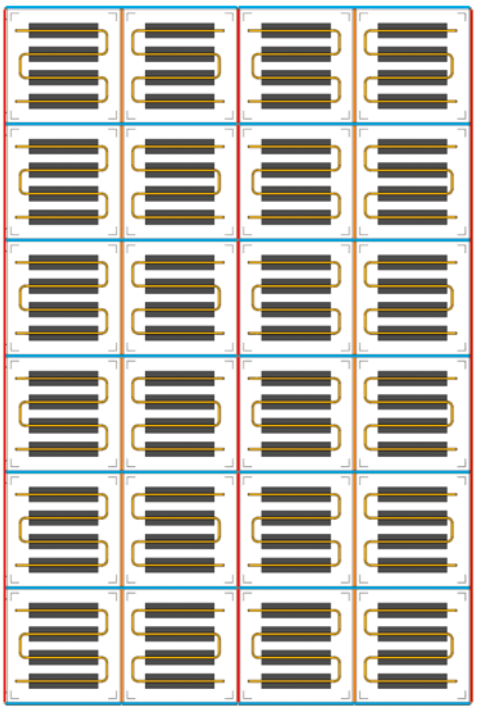
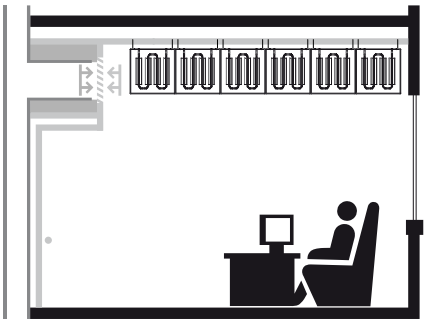


Standard configuration example for GK60x60 PSV series

This page reports the standard configuration for the "T" shape structure base 24mm (GK60x60 PSV series ceiling).

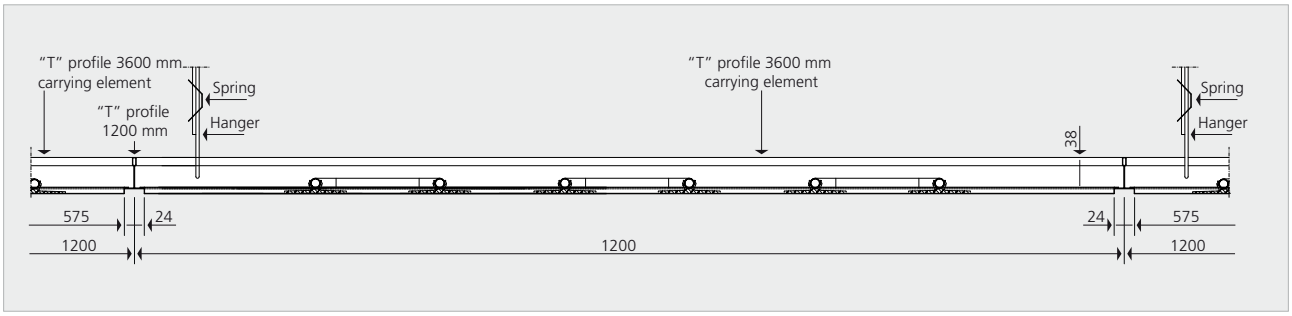


Configuration of the "T" shape structure, base 24 mm for GK60x60 PSV series.

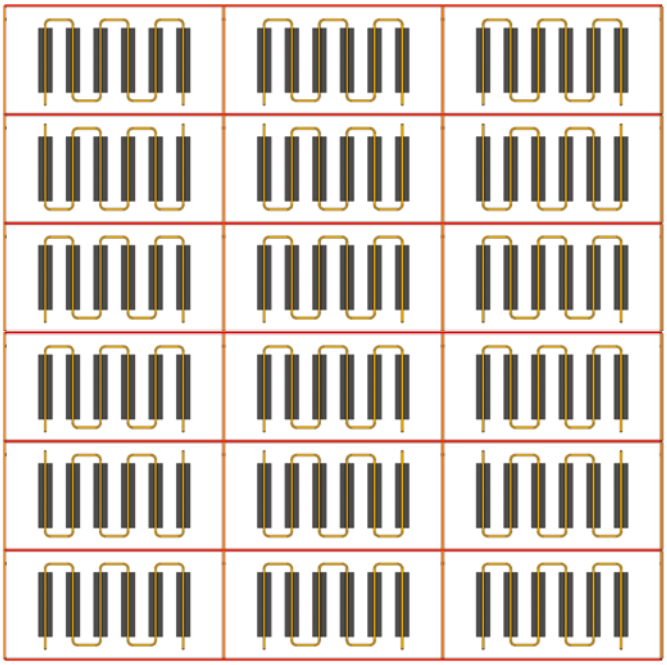
DETAIL OF THE T SHAPE STRUCTURE BASE 24 MM	LEGEND	
		**KSV36X** Carrying elements base 24 mm L=3600 mm
		KSV12X Carrying elements base 24 mm L=1200 mm
		KSV6X Carrying elements base 24 mm L=600 mm
		K6C or K6A Active panel 575x575 mm
	PANEL SUSPENSION BY MEANS OF CABLES	
		

Standard configuration example for GK60x120 PSV series

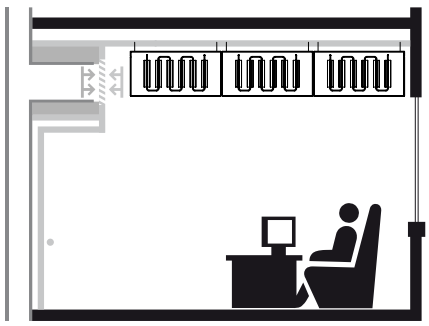
This page reports the standard configuration for the "T" shape structure base 24mm (GK60x120 PSV series ceiling).



Configuration of the "T" shape structure, base 24 mm for GK60x120 PSV series.

DETAIL OF THE T SHAPE STRUCTURE BASE 24 MM	LEGEND	
		**KSV36X** Carrying elements base 24 mm L=3600 mm
		KSV6X Carrying elements base 24 mm L=600 mm
		**K12C or K12A** Active panel 575x1175 mm

PANEL SUSPENSION BY MEANS OF CABLES



PRODUCT CODE INDEX

PRODUCT CODE INDEX

PRODUCT CODE INDEX

PRODUCT CODE INDEX

PRODUCT CODE INDEX

PRODUCT CODE INDEX

PRODUCT CODE INDEX

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Bosnia-Herzeg.	Casoni Federico
Brazil	Giacomini Latinoamerica
Bulgaria	Casoni Federico
Canada	Mori Daniela

Country	Area manager
Chile	Giacomini Latinoamerica
China	Giacomini China
Cyprus	Casoni Federico
Colombia	Giacomini Latinoamerica
Costa Rica	Giacomini Latinoamerica
Croatia	Casoni Federico
Czech Republic	Giacomini Czech
Denmark	Dulio Pietro
Dominican Republic	Giacomini Latinoamerica
Egypt	Gotti Andrea
Estonia	Tartaglia Gianluca
Finland	Tartaglia Gianluca
France	Giacomini France
Georgia	Tartaglia Gianluca
Germany	Giacomini Germany

Country	Area manager
Greece	Casoni Federico
Ghana	Gotti Andrea
Hong Kong	Giacomini China
Hungary	Casoni Federico
India	Giacomini India
Iran	Gotti Andrea
Ireland	Tartaglia Gianluca
Iceland	Tartaglia Gianluca
Israel	Gotti Andrea
Japan	Giacomini China
Jordan	Gotti Andrea
Kazakistan	Tartaglia Gianluca
Korea	Giacomini China
Kuwait	Gotti Andrea
Kyrgyzstan	Tartaglia Gianluca
Latvia	Tartaglia Gianluca

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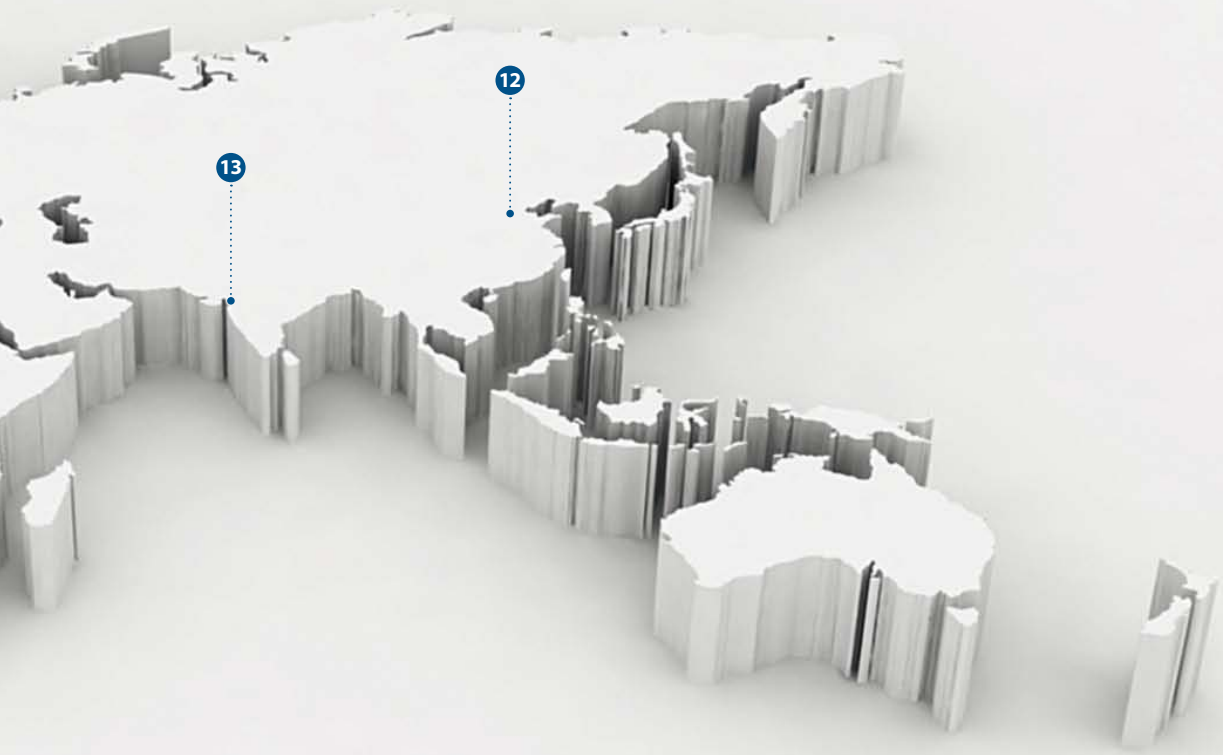

GIACOMINI BRANCHES AND REPRESENTATIVES IN THE WORLD

Country	Area manager
Lithuania	Tartaglia Gianluca
Luxembourg	Giacomini Benelux
Macedonia	Casoni Federico
Malaysia	Giacomini China
Malta	Casoni Federico
Mauritius	Gotti Andrea
Mexico	Giacomini Latinoamerica
Moldavia	Tartaglia Gianluca
Mongolia	Giacomini China
Montenegro	Casoni Federico
Nigeria	Gotti Andrea
Norway	Tartaglia Gianluca
Netherlands	Giacomini Benelux
New Zealand	Giacomini China
Pakistan	Gotti Andrea
Palestine	Gotti Andrea

Country	Area manager
Panama	Giacomini Latinoamerica
Peru	Giacomini Latinoamerica
Philippines	Giacomini China
Poland	Gagliardi Luca
Portugal	Giacomini Portugal
Qatar	Gotti Andrea
Romania	Casoni Federico
Russia	Tartaglia Gianluca
Saudi Arabia	Gotti Andrea
Serbia	Casoni Federico
Singapore	Giacomini China
Syria	Tartaglia Gianluca
Slovakia	Domtech Giacomini
Slovenia	Casoni Federico
Spain	Giacomini Spain
Sweden	Tartaglia Gianluca

Country	Area manager
Switzerland	Giacomini Switzerland
Thailand	Giacomini China
Tunisia	Gotti Andrea
Turkey	Casoni Federico
Ukraine	Tartaglia Gianluca
United Kindom	Giacomini UK
United States of America	Mori Daniela
Uruguay	Giacomini Latinoamerica
Uzbekistan	Tartaglia Gianluca
Venezuela	Giacomini Latinoamerica
Vietnam	Giacomini China
Yemen Rep.	Gotti Andrea
Yvory Coast	Gotti Andrea

Please visit www.giacomini.com or contact your local technical and commercial consultant for additional information

GENERAL SALE CONDITIONS

ORDERS

All orders are intended as reservation and they do not bind our company to deliver, even partial of what has been ordered.

PRICES

The prices are those ones in force at the consignment time and are not binding.

CONSIGNMENTS

They are always made carriage forward, unless special agreements on the contrary. The goods runs at the committee's risk and danger, even if delivered to the customer, and we consider us relieved of any responsibility for shortage and damages. The consignments are done with the available mean at the moment and the customer indications have value of simple recommendation.

PACKAGING

The packaging is invoiced at the pure cost, and are not accepted as return.

RETURN

Returned goods are not accepted without our preventive authorization and in any case only in free port.

CLAIMS

They are valid only within 8 days from the goods receipt.

PAYMENTS

The conditions are those one indicate in the offers and in the commissions and are not binding. After the agreed expiration date, the interests on arrears will be calculated according to the bank rate taking place at the date agreed for the payment. The delayed payment authorize us to suspend, without any notice, the supplies under progress.

STAMPS

Stamps are at customer charge.

MODIFICATI0NS

Our company reserves to bring, without any notice, any modification that would be technically necessary.

PLACE OF JURISDICTION

In case of controversy, only the competence of Novara Law Court is recognized.

QUALITY CERTIFICATIONS


ICIM

CERTIFICATO n.
CERTIFICATE No. 0032A/2

SI CERTIFICA CHE IL SISTEMA DI GESTIONE AMBIENTALE DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

GIACOMINI S.p.A.

UNITA' OPERATIVE
OPERATIVE UNITS

Sede e Unità Operativa
Via per Alzo, 39 - 28017 S. Maurizio D'Opaglio (NO)
Unità Operative
Via Bisavola, 4 - 37014 Castelnuovo del Garda (VR)
Via Brughiere, 29 - 28017 S. Maurizio D'Opaglio (NO)
Italia

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD

UNI EN ISO 14001:2004

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

EA: 18 - 14 - 17

Data emissione / *First issue*: 19/09/2001
Emissione corrente / *Current issue*: 17/09/2010
Data di scadenza / *Expiring date*: 18/09/2013

ICIM S.p.A.

CISQ is a member of IQNet

SINCERT

FEDERAZIONE CISQ eco
www.cisq.com


IQNet
THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and its partner
CISQ/ICIM
hereby certify that the organization

GIACOMINI S.p.A.

for the following field of activities

has implemented and maintains a
Environmental Management System
which fulfils the requirements of the following standard

ISO 14001:2004

Issued on: 2010-09-17
Validity date: 2013-09-18

Registration Number: IT-18412

Michael Drechsel
President of IQNET

Gianrenzo Prati
President of CISQ


IQNet
THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and its partner
CISQ/ICIM
hereby certify that the organization

GIACOMINI S.p.A.

for the following field of activities

has implemented and maintains a
Quality Management System
which fulfils the requirements of the following standard

ISO 9001:2000

Issued on: 2009-05-12
Validity date: 2011-07-23

Registration Number: IT-3995

René Wasmer
President of IQNET


ICIM
www.icim.it

CERTIFICATO n.
CERTIFICATE No. 0006/6

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

GIACOMINI S.p.A.

UNITA' OPERATIVE
OPERATIVE UNITS

Sede e Unità Operativa
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Unità Operativa
Via Bisavola, 4 - 37014 Castelnuovo del Garda (VR)
Via Brughiere, 29 - 28017 S. Maurizio D'Opaglio (NO)
Italia

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD

UNI EN ISO 9001:2000

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

EA: 18

Progettazione e produzione di: sistemi di contabilizzazione di energia termica, gruppo di circolazione per impianti solari termici, valvole per impianti di climatizzazione, collettori di distribuzione, raccordi in ottone, valvole a sfera, valvole di sicurezza di zona e saracinesche, tubi e raccordi in materia plastiche per impianti idro-termo-sanitari e radianti.

Design and production of: thermal energy metering systems, circulation group for solar thermal systems, heating and cooling system valves, distribution manifolds, brass fittings, ball valves, safety valves, zone and gate valves, plastic pipes and fittings for thermal, water, sanitary systems and radiant systems.

Data emissione / *First issue*: 23/07/1990
Emissione corrente / *Current issue*: 12/05/2009
Data di scadenza / *Expiring date*: 23/07/2011

ICIM S.p.A. - PIAZZA A. DIAZ, 2 - 20123 MILANO

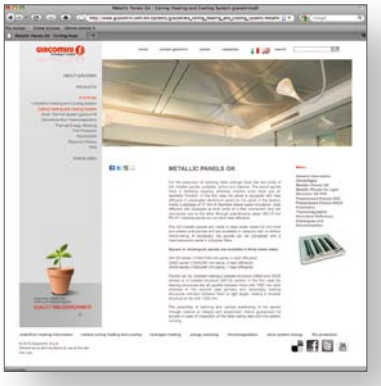
CISQ is a member of IQNet

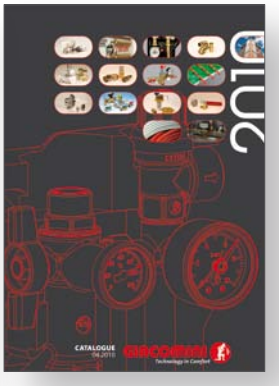
SINCERT

FEDERAZIONE CISQ
www.cisq.com

FURTHER INFORMATION

The technical documentation and the product specifications of the giacoklima® radiant ceiling system are available also in electronic format on **www.giacomini.com/ceiling**.
For further information about giacoklima® radiant ceilings, consult also the Technical Manual 0138EN and the brochure "References" 0300EN.
For information about other Giacomini components and systems, ask for the last issue of the general catalogue.



SEPTEMBER 2010

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Technology in Comfort

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