

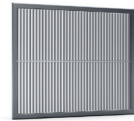
VENTILATION GRILLES

AL

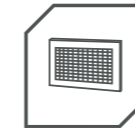
ST

ALG

ALP



Description	Single- and double-row air supply and air exhaust ventilation grilles. Movable horizontal or vertical vanes.	Single- and double-row air supply and air exhaust ventilation grilles. Movable horizontal or vertical vanes.	Single- and double-row air supply and air exhaust ventilation grilles, air discharge angle of 0 or 15 degrees.	Single-row air supply and air exhaust ventilation grilles with fixed vanes.
Intended use	Medium- and low-pressure ventilation installations.	Medium- and low-pressure ventilation installations.	Medium- and low-pressure ventilation installations.	Medium- and low-pressure ventilation installations. The grille vanes are set at the angle of 15 degrees. On the Contracting Party's request, the tilt angle of the vanes can be different. Grilles recommended for use with fan coil units.
Dimensions [mm]	75×75 – 1,225×625	75×75 – 1,225×625	100×50 – 2,000×350	225×75 – 1,225×625
Material	Aluminium frame and vanes	Steel	Aluminium frame and vanes	Aluminium frame and vanes
Finish	Natural colour of aluminium or RAL9010 powder coating. On request, other RAL colour lacquering possible.	The grille frame can be made in two versions: standard ST version (SN only) and lighter ST-L version. The frame and the movable vanes are made of steel, lacquered in RAL9010 colour. Other RAL colour lacquering and galvanized or stainless steel versions are available on request.	Natural colour of aluminium or RAL9010 powder coating. On request, other RAL colour lacquering possible.	Natural colour of aluminium or RAL9010 powder coating. On request, other RAL colour lacquering possible. Standard vane tilt angle: 15°.
Variants	<ul style="list-style-type: none"> assembly frame (RM) assembly frame with a filter (RM-F) connection pipe for round ducts (NDS) plenum box 	<ul style="list-style-type: none"> assembly frame (RM) assembly frame with a filter (RM-F) connection pipe for round ducts (NDS) plenum box 	<ul style="list-style-type: none"> assembly frame (RM) assembly frame with a filter (RM-F) connection pipe for round ducts (NDS) plenum box 	<ul style="list-style-type: none"> on request, vane tilt angle of 0°, 30° or 45° assembly frame (RM) assembly frame with a filter (RM-F) plenum box connector pipe for round ducts (NDS)
Installation	<ul style="list-style-type: none"> with screws with an invisible latch with an invisible latch and lock screws 	<ul style="list-style-type: none"> with screws with an invisible latch with an invisible latch and lock screws 	<ul style="list-style-type: none"> with screws (excluding flat frame -L) with an invisible latch 	<ul style="list-style-type: none"> with screws with an invisible latch
Recommended control element	<ul style="list-style-type: none"> counter-current damper made of aluminium (GA) counter-current damper made of galvanized steel (GP) parallel-current damper made of stainless steel (GSN) reclining damper (GC) arched damper (GM) slot damper (GT) sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	<ul style="list-style-type: none"> counter-current damper made of aluminium (GA) counter-current damper made of galvanized steel (GP) parallel-current damper made of stainless steel (GSN) reclining damper (GC) arched damper (GM) slot damper (GT) slot damper made of stainless steel (GTN) sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	<ul style="list-style-type: none"> counter-current damper made of aluminium (GA) counter-current damper made of galvanized steel (GP) parallel-current damper made of stainless steel (GSN) slot damper (GT) slot damper made of stainless steel (GTN) sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	<ul style="list-style-type: none"> counter-current damper made of aluminium (GA) counter-current damper made of galvanized steel (GP) slot damper (GT) slot damper with net surface area amounting to 40% of cross-section surface area (L01) sieve deflector with net surface area amounting to 58% of cross-section surface area (L02)



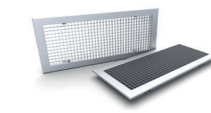
VENTILATION GRILLES

ALWT, ALWT-2

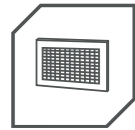
KST

KRS

AL-ST5



Description	Ventilation grilles with structural reinforcement and a single row of fixed vanes.	Transfer ventilation grilles.	Raster grilles, air supply or air exhaust.	Air supply or air exhaust ventilation grilles with a protective mesh screen.
Intended use	Medium- and low-pressure ventilation installations.	Ventilation grilles are intended for application in ventilation installations as transfer (compensation) hole covers; they mask the inside of the mounting hole.	Medium- and low-pressure ventilation installations. They are used as air exhaust hole covers and offer low resistance of air flow and large surface area of free passage. They may be used as transfer grilles.	Medium- and low-pressure ventilation installations. They may be used as air supply or air exhaust grilles.
Dimensions [mm]	225×75 – 1,225×625	160×260 – 860×1,060	75×125 – 1,225×625 – with RA raster [AA i AL] max. dimensions 610×610 – with TW raster (SP)	75×75 – 1,225×625
Material	Aluminium frame and vanes	Lacquered steel	Frames made of steel or aluminium. Grille raster is made of aluminium or plastic.	The frame is made of anodised or lacquered aluminium. The covering surface is made of aluminium mesh or galvanized steel mesh.
Finish	Natural colour of aluminium (ALWT) or RAL9010 powder lacquering (ALWT, ALWT-2). On request, other RAL colour lacquering possible.	Lacquered in RAL9010 white. Other RAL colour lacquering and a stainless steel version are available on request.	Grilles made of non-anodised aluminium and steel; as standard, the whole product is lacquered in white (apart from the raster made of plastic – TW). On request, other RAL colour lacquering is possible (this does not apply to the raster made of plastic – TW).	Natural colour of aluminium or RAL9010 powder coating. On request, other RAL colour lacquering possible. The covering surface is made of aluminium mesh with 65% aperture or of galvanized steel mesh with 58% aperture (round mesh) or 51% aperture (square mesh).
Variants	<ul style="list-style-type: none"> assembly frame (RM) assembly frame with a filter (RM-F) connection pipe for round ducts (NDS) plenum box 	—	<ul style="list-style-type: none"> assembly frame (RM) assembly frame with a filter (RM-F) plenum box connector pipe for round ducts (NDS) round ducts (NDS) 	<ul style="list-style-type: none"> assembly frame (RM) assembly frame with a filter (RM-F) connection pipe for round ducts (NDS) plenum box
Installation	<ul style="list-style-type: none"> with screws with an invisible latch 	<ul style="list-style-type: none"> installation to a space divider with screws 	<ul style="list-style-type: none"> with screws with an invisible latch 	<ul style="list-style-type: none"> with screws with an invisible latch
Recommended control element	<ul style="list-style-type: none"> counter-current damper made of aluminium (GA) counter-current damper made of galvanized steel (GP) reclining damper (GC) arched damper (GM) slot damper (GT) sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	—	<ul style="list-style-type: none"> counter-current damper made of aluminium (GA) counter-current damper made of galvanized steel (GP) parallel-current damper made of stainless steel (GSN) slot damper (GT) slot damper made of stainless steel (GTN) sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	<ul style="list-style-type: none"> counter-current damper made of aluminium (GA) counter-current damper made of galvanized steel (GP) slot damper (GT)



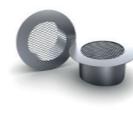
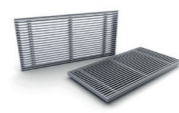
VENTILATION GRILLES

ST-STS

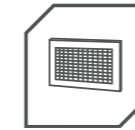
KH

ALF

KS



Description	Air supply or air exhaust ventilation grilles with a protective mesh screen	Hygiene air supply and air exhaust ventilation grilles	Air supply and air exhaust floor ventilation grilles with fixed vanes, air discharge angle of 15 degrees	End grilles
Intended use	Medium- and low-pressure ventilation installations. They may be used as air supply or air exhaust grilles	Medium- and low-pressure ventilation installations. Intended for use in facilities with higher hygiene requirements, e.g. hospitals. The grille structure can withstand frequent cleaning and is prepared for quick assembly/disassembly.	Medium- and low-pressure ventilation installations. They may be installed directly in the floor as end elements of ventilation ducts.	Designed for low- and medium-pressure ventilation systems. They can be used as part of an air supply or exhaust system to/from the room, or as a cover masking the end of ventilation pipes.
Dimensions [mm]	75×75 – 1,225×625	75×75 – 1,225×625	200×75 – 1,950×563 / 563×625	100 – 400
Material	Frame made of lacquered steel. The covering surface made of steel mesh.	Frame and the mesh screen are made of stainless steel.	Aluminium frame and vanes	Galvanized steel
Finish	The grille frame is made of steel lacquered in RAL9010 white. Other RAL colour lacquering and galvanized or stainless steel versions are available on request. The covering surface is made of a galvanized steel mesh with 65% aperture. It can be also made of a galvanized or stainless steel mesh screen with 58% aperture (round mesh) or with 51% aperture (square mesh).	Grille frames are made of stainless steel 1.4301. The covering mesh screen is made of stainless steel in cut-drawn technology; it offers aperture of 65%	Natural colour of aluminium. On request, other RAL colour lacquering possible. Vanes are made of a profile that allows shaping the air discharge at an angle of 15 degrees.	On request, grilles made of stainless steel or lacquered in any RAL colour are available. The frontal surface is made of mesh.
Variants	<ul style="list-style-type: none"> • assembly frame (RM) • assembly frame with a filter (RM-F) • connection pipe for round ducts (NDS) • plenum box 	<ul style="list-style-type: none"> • assembly frame (RM) • assembly frame with a filter (RM-F) • connection pipe for round ducts (NDS) • plenum box 	—	KS1 – the frontal surface is made of a drawn galvanized steel mesh with 65% aperture. KS2 – the frontal surface is made of a galvanized steel round mesh with 58% aperture. KS3 – the frontal surface is made of a galvanized steel square mesh with 51% aperture.
Installation	<ul style="list-style-type: none"> • with screws • with an invisible latch 	<ul style="list-style-type: none"> • with an invisible latch 	<ul style="list-style-type: none"> • installation in a frame with spring-loaded latches 	<ul style="list-style-type: none"> • grilles are installed with screws placed on the perimeter and driven into the duct into which they are fitted.
Recommended control element	<ul style="list-style-type: none"> • counter-current damper made of aluminium (GA) • counter-current damper made of galvanized steel (GP) • parallel-current damper made of stainless steel (GSN) • slot damper (GT) • slot damper made of stainless steel (GTN) 	<ul style="list-style-type: none"> • counter-current damper made of aluminium (GA) • parallel-current damper made of stainless steel (GSN) • slot damper made of stainless steel (GTN) 	<ul style="list-style-type: none"> • counter-current damper made of aluminium (GA) • counter-current damper made of galvanized steel (GP) • reclining damper (GC) • arched damper (GM) • slot damper (GT) • sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) • sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	—



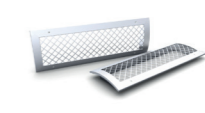
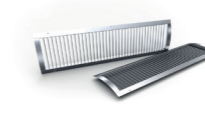
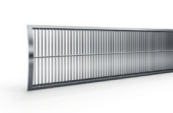
VENTILATION GRILLES

STR

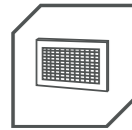
STR-E

STR-STS

ST-T



Description	Single- and double-row air supply and air exhaust ventilation grilles. Movable horizontal or vertical vanes for round ventilation ducts	Air supply or air exhaust ventilation grilles with movable vanes for round ventilation ducts	Air supply or air exhaust ventilation grilles with a mesh screen for round ventilation ducts	Transfer and damping slots
Intended use	Intended for low- and medium-pressure ventilation installations with round ventilation ducts.	Intended for low- and medium-pressure ventilation installations with round ventilation ducts.	Intended for low- and medium-pressure ventilation installations with round ventilation ducts.	They may be used in space dividers between rooms in which pressure level should be equalized. Due to their construction, the slots also play the role of acoustic silencers.
Dimensions [mm]	75×75 – 1,225×625	225×75 – 1,225×225	75×75 – 1,225×625	410×160 – 1,010×160 L=95–145 – space divider thickness
Material	Lacquered steel	Galvanized steel	Frame is made of lacquered steel. The frontal surface is made of a mesh or a perforated metal sheet.	Lacquered steel
Finish	Lacquered in RAL9010 white. On request, other RAL colour lacquering and a stainless steel version are available.	On request, grilles lacquered in RAL colour are available.	Lacquered in RAL9010 white. On request, other RAL colour lacquering and a stainless steel version are available.	They are powder-coated in RAL9010 white as standard. On request, other RAL colour lacquering available. As standard, the damping-transfer slot is equipped with a telescopic sleeve that allows mounting in 95–145 mm thick space dividers.
Variants	—	—	STR-STS1 – the frontal surface is made of a cut and drawn galvanized steel mesh with 65% aperture. STR-STS2 – the frontal surface is made of a round-perforated steel sheet with 58% aperture. STR-STS3 – the frontal surface is made of a square-perforated steel sheet with 51% aperture.	—
Installation	<ul style="list-style-type: none"> • mounting to ventilation ducts with screws 	<ul style="list-style-type: none"> • mounting to ventilation ducts with screws 	<ul style="list-style-type: none"> • mounting to ventilation ducts with screws 	<ul style="list-style-type: none"> • installation to a space divider with screws
Recommended control element	<ul style="list-style-type: none"> • counter-current damper made of aluminium (GA) • counter-current damper made of galvanized steel (GP) • parallel-current damper made of stainless steel (GSN) • reclining damper (GC) • reclining damper made of stainless steel (GCN) • arched damper (GM) • slot damper (GT) • sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) • sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	<ul style="list-style-type: none"> • counter-current damper made of aluminium (GA) • counter-current damper made of galvanized steel (GP) • reclining damper (GC) • arched damper (GM) • slot damper (GT) • sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) • sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	<ul style="list-style-type: none"> • counter-current damper made of aluminium (GA) • counter-current damper made of galvanized steel (GP) • reclining damper (GC) • arched damper (GM) • slot damper (GT) • sieve deflector with net surface area amounting to 40% of cross-section surface area (L01) • sieve deflector with net surface area amounting to 58% of cross-section surface area (L02) 	<ul style="list-style-type: none"> • counter-current damper made of aluminium (GA) • counter-current damper made of galvanized steel (GP) • parallel-current damper made of stainless steel (GSN) • steel slot damper (GT) • stainless slot damper (GTN)



VENTILATION GRILLES

AL-SI1

ST-SI1

AL-SI2

ST-SI2



	AL-SI1	ST-SI1	AL-SI2	ST-SI2
Description	Transfer ventilation grilles	Transfer ventilation grilles	Transfer ventilation grilles with a mesh screen	Transfer ventilation grilles with a mesh screen
Intended use	Ventilation grilles are intended for application in ventilation installations as transfer (compensation) hole covers.	Ventilation grilles are intended for application in ventilation installations as transfer (compensation) hole covers.	Ventilation grilles are intended for application in ventilation installations as transfer (compensation) hole covers.	Ventilation grilles are intended for application in ventilation installations as transfer (compensation) hole covers.
Dimensions [mm]	125×125 – 1,225×625	125×125 – 1,225×625	75×75 – 1,225×625	75×75 – 1,225×625
Material	The frame and fixed vanes are made of anodised aluminium	The frame and fixed vanes are made of lacquered steel.	The frame is made of anodised aluminium. The covering mesh screen is made of aluminium.	The frame and the mesh screen are made of lacquered steel.
Finish	The frame and fixed vanes of the grilles are made of aluminium anodised to natural colour or lacquered in RAL9010 white. On request, other RAL colour lacquering available.	The frame and fixed vanes of the grilles are made of steel profiles lacquered in RAL9010 white. Other RAL colour lacquering and galvanized or stainless steel versions are available on request.	Grille frames are made of aluminium anodised to natural colour. The covering mesh screen is made of aluminium. The whole product may be lacquered in RAL9010 white. On request, other RAL colour lacquering available.	The grille frame and covering mesh screen are made of steel lacquered in RAL9010 white. Other RAL colour lacquering and galvanized or stainless steel versions are available on request.
Variants	<ul style="list-style-type: none"> • assembly frame (RM) – only for AL-SI1 • assembly frame with a filter (RM-F) – only for AL-SI1 • The AL-SI11 model is additionally equipped with a counterframe that allows two-sided finish of the compensation hole 	<ul style="list-style-type: none"> • assembly frame (RM) only for ST-SI1 • assembly frame with a filter (RM-F) – only for ST-SI1 • The ST-SI11 model is additionally equipped with a counterframe that allows two-sided finish of the compensation hole 	<ul style="list-style-type: none"> • assembly frame (RM) only for AL-SI2 • assembly frame with a filter (RM-F) – only for AL-SI2 • The AL-SI21 model is additionally equipped with a counterframe that allows two-sided finish of the compensation hole 	<ul style="list-style-type: none"> • assembly frame (RM) only for ST-SI2 • assembly frame with a filter (RM-F) – only for ST-SI2 • The ST-SI21 model is additionally equipped with a counterframe that allows two-sided finish of the compensation hole
Installation	• installation to a space divider with screws	• installation to a space divider with screws	• installation to a space divider with screws	• installation to a space divider with screws
Recommended control element	–	–	–	–