

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Linear Diffuser Type LDB 12/ -</i></p> <p><u>Features:</u></p> <p>Adjustable linear diffuser for constant or variable flow rates. May be adjusted to ranges of 100% to 20% of the nominal volume flow rate without the need for any additional mechanical devices.</p> <p>Direction of diffusion adjustable by 180°.</p> <p>Factory-set. Setting may be reproduced at any time. Subsequent adjustment possible even after installation. Adjustment with close-to-zero opening possible.</p> <p>Long cylinders with high induction ratio, rapid reduction of expelled air speed and temperature difference.</p> <p>Flow pattern from flat ceiling jet to broad jet comprising of 32 individual microjets per meter and slot row.</p> <p><u>Diffuser comprising of:</u></p> <ul style="list-style-type: none"> - extruded aluminum profiles, natural anodized - cylindrical slot nozzle, plastic, black, with rectifier fins and air flow-optimized interior contour without bars for a virtually turbulence-free and noiseless air guidance - air distribution box of galvanized sheet steel with suspension eyes and connecting socket for easy insertion. <p>Diffuser suitable for variable flow rates of 10-80 m³/h.</p> <p>Linear diffuser available as follows:</p> <ul style="list-style-type: none"> o one-slot version LDB 12/-/1 <p>Length: mm (Maximum length in one piece: 1500 mm)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 12/-</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Linear Diffuser</i> <i>Type LDB 12/ 8 "LTG System clean[®]"</i></p> <p><u>Features:</u></p> <p>Adjustable linear diffuser for constant or variable flow rates. May be adjusted to ranges of 100% to 20% of the nominal volume flow rate without the need for any additional mechanical devices. Flow pattern comprising of 18 individual microjets per meter slot row. Direction of diffusion adjustable by 180°. Factory-set. Subsequent adjustment possible even after installation. High induction ratio. Optimized cylinder contour. Rapid reduction of expelled air speed and temperature difference. Production of an additional air curtain close to ceiling and outlet to virtually keep airborne dust particles from depositing on the ceiling.</p> <p><u>Diffuser comprising of:</u></p> <ul style="list-style-type: none"> - extruded aluminum profiles, natural anodized with black cylindrical plastic slot nozzles with rectifier fins and air flow-optimized smooth interior contour without bars for a virtually turbulence-free and noiseless air guidance - narrow air distribution box of galvanized sheet steel with 4 suspension eyes. Box width inferior to diffuser width (e.g. for lamp installation). <p>Linear diffusers available as follows:</p> <ul style="list-style-type: none"> o one-slot version LDB 12/8/1/... o two-slot version LDB 12/8/2/... o three-slot version LDB 12/8/3/... <p>Length: mm (Maximum length in one piece: 2000 mm)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 12/8 "LTG System clean[®]"</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Linear Diffuser</i> <i>Type LDB 15 "LTG System clean®"</i></p> <p><u>Features:</u></p> <p>Adjustable linear diffuser for constant or variable flow rates. May be adjusted to ranges of 100% to 20% of the nominal volume flow rate without the need for any additional mechanical devices. Flow pattern comprising of 19 individual microjets per meter slot row. Direction of diffusion adjustable. Factory-set. Subsequent adjustment possible even after installation. Detachable diffuser elements. High induction ratio. Optimized outlet contour. Rapid reduction of expelled air speed and temperature difference. Production of an additional air curtain close to ceiling and outlet to virtually keep airborne dust particles from depositing on the ceiling.</p> <p><u>Diffuser comprising of:</u></p> <ul style="list-style-type: none"> - extruded aluminum profiles, natural anodized; black plastic slot nozzles with rectifier fins and air flow-optimized smooth interior contour without bars for a virtually turbulence-free and noiseless air guidance; - air distribution box of galvanized sheet steel with 4 suspension eyes. <p><u>Linear diffusers available as follows:</u></p> <ul style="list-style-type: none"> o outlet width 15 mm, for installation in ceiling joints Type LDB 15/0/1/00 clean o outlet width 25 mm, for covering ceiling joints Type LDB 15/1/1/11 clean <p>Length: mm (Maximum length in one piece: 2000 mm)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 15/... "LTG System clean®"</p> <p style="text-align: center;">- 2 -</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;">-2-</p> <p><u>Special versions and accessories:</u></p> <ul style="list-style-type: none"> o Cylinder (standard: black) <ul style="list-style-type: none"> o white o chromium plated o Diffuser profile for lamp installation LDB 15/0/1/20 "LTG System clean[®]" o Plug connector for line assembly o <u>without air distribution box</u> <ul style="list-style-type: none"> o with 2 suspension eyes for spring hanger o <u>with air distribution box</u> <ul style="list-style-type: none"> o special dimensions of the air distribution box W= mm, H= mm, d= mm Neck height: mm (40 to max. 170 mm) (standard: 60 mm) o insulation through longitudinal double box o fixed resistor with sleeve Type FWA for insertion on site o fixed resistor, acoustically indifferent, Type FWB for insertion on site o adjustable throttling device Type KLA for insertion on site o adjustable throttling device Type KLU for insertion on site, adjustable from below o <u>Lamp installation:</u> Brand: Type: 		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Linear Diffuser Coandacrol with narrow air distribution box Type LDB 20/ 8</i></p> <p><u>Features:</u></p> <p>Adjustable linear diffuser for constant or variable flow rates. May be adjusted to ranges of 100% to 20% of the nominal volume flow rate without the need for any additional mechanical devices. Flow pattern comprising of 25 individual microjets per meter and slot row. Direction of diffusion adjustable by 180°. Factory-set. Setting may be reproduced at any time. Subsequent adjustment possible even after installation. Adjustment with close-to-zero opening possible. Alternating long and short cylinders, thus high induction ratio. Rapid reduction of expelled air speed and temperature difference.</p> <p><u>Diffuser comprising of:</u></p> <p>extruded aluminum profiles, natural anodized; black cylindrical plastic slot nozzles, alternatingly as short (20 mm) and long (58 mm)</p> <p>cylinder with rectifier fins and air flow-optimized interior contour, without bars for a virtually turbulence-free and noiseless air guidance;</p> <p>narrow air distribution box of galvanized sheet steel with connecting socket for easy insertion and 4 suspension eyes. Box width inferior to diffuser width (e.g. for lamp installation).</p> <p><u>Linear diffusers available as follows:</u></p> <ul style="list-style-type: none"> o one-slot version LDB 20/8/1/... o two-slot version LDB 20/8/2/... o three-slot version LDB 20/8/3/... o four-slot version LDB 20/8/4/... <p>Length: mm (Maximum length in one piece: 2000 mm)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 20/8/...</p> <p style="text-align: center;">- 2 -</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;">-2-</p> <p><u>Special versions and accessories:</u></p> <ul style="list-style-type: none"> o Visible aluminum rails <ul style="list-style-type: none"> o painted similar to RAL..... o anodized, color: o high-gloss chromium plated o Cylinders (standard: black) <ul style="list-style-type: none"> o white o chromium plated o grey aluminum (RAL 9007) o Border profile No. 11 to 88 acc. to choice: o Additional profile No. 1 to 7 acc. to choice: o End cover for front: <ul style="list-style-type: none"> o 15 mm o detached o 25 mm o mounted o Plug connector for line assembly o <u>without air distribution box</u> <ul style="list-style-type: none"> o with 2 suspension brackets o <u>with air distribution box</u> <ul style="list-style-type: none"> o special dimensions of the air distribution box W= mm, H= mm, d= mm Neck height: mm (40 to max. 170 mm) o insulation through longitudinal double box o fixed resistor with sleeve Type FWA for insertion on site o fixed resistor, acoustically indifferent, Type FWB for insertion on site o adjustable throttling device Type KLA for insertion on site o adjustable throttling device Type KLU for insertion on site, adjustable from below o <u>Lamp installation:</u> Brand: Type: 		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Linear Diffuser</i> <i>Type LDB 32 "LTG System clean"®</i></p> <p><u>Features:</u></p> <p>Linear diffuser for constant or variable flow rates, adjustable by varying the plug-in air guide elements. May be adjusted to ranges of 100% to 20% of the nominal volume flow rate without the need for any additional mechanical devices.</p> <p>Flow pattern comprising of 36 individual microjets per meter slot row. Direction of diffusion adjustable. Factory-set. Subsequent adjustment possible even after installation. Detachable diffuser elements. High induction ratio. Optimized outlet contour. Rapid reduction of expelled air speed and temperature difference.</p> <p>Production of an additional air curtain close to ceiling and outlet to virtually keep airborne dust particles from depositing on the ceiling.</p> <p><u>Diffuser comprising of:</u></p> <ul style="list-style-type: none"> - extruded aluminum profiles, natural anodized; black plastic slot nozzles with rectifier fins and air flow-optimized. Contour for a virtually turbulence-free and noiseless air guidance; - narrow air distribution box of galvanized sheet steel with connecting socket for easy insertion and 4 suspension eyes. Box width inferior to diffuser width. <p><u>Linear diffusers available as follows:</u></p> <ul style="list-style-type: none"> o outlet width 32 mm, for installation in ceiling joints <ul style="list-style-type: none"> one-slot version: Type LDB 32/0/1/00 clean two-slot version: Type LDB 32/0/2/00 clean three-slot version: Type LDB 32/0/3/00 clean o outlet width 41 mm, for covering ceiling joints <ul style="list-style-type: none"> one-slot version: Type LDB 32/1/1/11 clean <p>Length: mm (Maximum length in one piece: 2000 mm)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 32/... "LTG System clean"®</p> <p style="text-align: center;">- 2 -</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;">-2-</p> <p><u>Special versions and accessories:</u></p> <ul style="list-style-type: none"> o Cylinder (standard: black) <ul style="list-style-type: none"> o white o Plug connector for line assembly o <u>without air distribution box</u> <ul style="list-style-type: none"> o with 2 suspension eyes for spring hanger o <u>with air distribution box</u> <ul style="list-style-type: none"> o special dimensions of the air distribution box W= mm, H= mm, d= mm Neck height: mm (40 to max. 170 mm) (standard: 60 mm) o insulation through longitudinal double box o fixed resistor with sleeve Type FWA for insertion on site o fixed resistor, acoustically indifferent, Type FWB for insertion on site o adjustable throttling device Type KLA for insertion on site o adjustable throttling device Type KLU for insertion on site, adjustable from below 		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Linear Diffuser Type LDB 32/ M/ 1</i></p> <p><u>Features:</u></p> <p>All-metal linear diffuser (building materials class A1) for constant or variable flow rates. May be adjusted to ranges of 100% to 20% of the nominal volume flow rate without the need for any additional mechanical devices. Flow pattern comprising of 9 individual microjets per meter slot row. Optimized outlet geometry for high induction ratio and rapid reduction of expelled air speed and temperature difference.</p> <p><u>Diffuser comprising of:</u></p> <ul style="list-style-type: none"> - narrow air distribution box of galvanized sheet steel, black coating, with integrated outlet contour. Connecting socket for easy insertion and 2 suspension eyes. <p>Linear diffusers available as follows:</p> <ul style="list-style-type: none"> o one-slot version: Type LDB 32/M/1 <p>Length: mm (Maximum length in one piece: 1500 mm)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 32/M/1</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;">- 2 -</p> <p><u>Special versions and accessories:</u></p> <ul style="list-style-type: none"> o Connecting profile for line assembly. o <u>with air distribution box</u> <ul style="list-style-type: none"> o fixed resistor with sleeve Type FWA for insertion on site o fixed resistor, acoustically indifferent, Type FWB for insertion on site o adjustable throttling device Type KLA for insertion on site o adjustable throttling device Type KLU for insertion on site, adjustable from below 		

Qty	Product description	Unit price in DM	Total in DM
	<p><i>LTG Linear Diffuser Coandatrol Type LDB 50/ -/ ... for convenience and industrial use</i></p> <p><u>Features:</u></p> <p>Air diffuser system in terms of a linear diffuser with jet direction adjustable by 180°.</p> <p>May be adjusted to obtain either fine individual jets or one flat jet, thus either providing or avoiding the Coanda effect.</p> <p>The diffuser comprising of individual cylindrical black plastic slot nozzles with a cylinder diameter of 50 mm, mounted in natural anodized aluminum rails.</p> <p>Adjustable to ranges of 100% to 20% of the nominal volume flow rate without the need for any additional mechanical devices.</p> <p>Direction of diffusion adjustable by 180°. Factory-set. Setting may be reproduced at any time.</p> <p>Subsequent adjustment possible even after installation.</p> <p>Adjustment with close-to-zero opening possible.</p> <p><u>Diffuser comprising of:</u></p> <ul style="list-style-type: none"> - extruded aluminum profile, natural anodized - black cylindrical plastic slot nozzles with a 50 mm diameter - air distribution box of galvanized sheet steel with connecting socket for easy insertion - diffuser rail offering the possibility to realize various attachments to the ceiling using additional profiles. <p>Linear diffusers available as follows:</p> <ul style="list-style-type: none"> o one-slot version LDB 50/-/1/... o two-slot version LDB 50/-/2/... o three-slot version LDB 50/-/3/... <p>Length: mm (Maximum length in one piece: 2100 mm)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 50/-/...</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;">- 2 -</p> <p><u>Special versions and accessories:</u></p> <ul style="list-style-type: none"> o Additional profile No. 1 o Visible aluminum rails <ul style="list-style-type: none"> o painted similar to RAL..... o color anodized other than RAL o high-gloss chromium plated o Cylinders (standard: black) <ul style="list-style-type: none"> o white o chromium plated o End cover for both ends, 20 mm wide: <ul style="list-style-type: none"> o mounted o detached o Plug connector for line assembly o <u>without air distribution box</u> <ul style="list-style-type: none"> o with 2 suspension brackets o <u>with air distribution box</u> <ul style="list-style-type: none"> o special dimensions of the air distribution box W= mm, H= mm, d= mm Neck height: mm (40 to max. 170 mm) (standard: 70 mm) o insulation through longitudinal double box o fixed resistor with sleeve Type FWA for insertion on site o fixed resistor, acoustically indifferent, Type FWB for insertion on site o adjustable throttling device Type KLA for insertion on site o adjustable throttling device Type KLU for insertion on site, adjustable from below 		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Diffuser Element</i> <i>Type LDB 9 Coandatrol "LTG System clean[®]"</i></p> <p><u>Features:</u></p> <p>One-slot linear diffuser for on-site installation into the air duct, consisting of a cylindrical slot nozzle and an acoustically favorable plastic casing, both made of polystyrene, black. Through notches, slot nozzles may be adjusted in a manner to ensure reproduction of the settings at any time. Bars inside the slot nozzle for rectification.</p> <p>Attachment to sheet steel of a max. of 1 mm through clips. Sheet steel cutout: 30.5 mm x 65 mm (± 0.2 mm).</p> <p><u>Technical specifications:</u></p> <p>W/H/L: 36/30/72 mm (rectangular shape) Air volume approx.: 2....6 m³/h (air volume depends on type of installation and number of pieces used)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : LDB 9 "LTG System clean[®]"</p> <p><u>Special versions and accessories:</u></p> <ul style="list-style-type: none"> o front side rounded (LDB 9A) L = 86 mm o both ends rounded (LDB 9B) L = 100 mm <p>other color combinations:</p> <ul style="list-style-type: none"> o casing black, slot nozzle white o casing white, slot nozzle white o casing white, slot nozzle black <p>for larger quantities and with longer delivery times:</p> <ul style="list-style-type: none"> o casing high-gloss chromium plated, slot nozzle black o casing high-gloss chromium plated, slot nozzle white o casing high-gloss chromium plated, slot nozzle chromium plated 		

Qty	Product description	Unit price in DM	Total in DM																												
	<p style="text-align: center;"><i>LTG Ceiling Diffuser DLA "LTG System clean[®]"</i></p> <p><u>Features:</u></p> <p>Adjustable ceiling diffuser for constant or variable flow rates. High induction ratio, optimum air guiding contour through the use of <i>cylindrical air diffuser elements</i>. Rapid reduction of expelled air speed and temperature difference. Production of an additional air curtain close to ceiling and outlet to virtually keep airborne dust particles from depositing on the ceiling.</p> <p><u>Diffuser comprising of:</u></p> <p>Front plate of galvanized sheet steel, visible side powder coated acc. to RAL, with built-in <i>cylindrical air diffuser elements</i> (color: black) and air flow-optimized interior contour for a virtually turbulence-free and noiseless air guidance, factory-set, subsequently adjustable even after installation</p> <ul style="list-style-type: none"> - air distribution box (square, pyramid or cylinder type) of galvanized sheet steel with suspension bores; socket either lateral/round or lateral/rectangular or from above/round - throttling element DEU (adjustable from below) - air outlet square - air outlet round - <i>cylindrical elements</i> <p><u>Available versions/designs:</u></p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Size</th> <th style="text-align: left;">square</th> <th style="text-align: left;">round</th> </tr> </thead> <tbody> <tr> <td>o 200</td> <td>A, B</td> <td></td> </tr> <tr> <td>o 300</td> <td>1,2,3,4</td> <td>2</td> </tr> <tr> <td>o 400</td> <td>1,2,3,4,5,6</td> <td>2,5,6</td> </tr> <tr> <td>o 500</td> <td>1,2,3,4,5,6</td> <td>2,5,6</td> </tr> <tr> <td>o 600</td> <td>1,2,3,4,5,6</td> <td>2,5,6</td> </tr> <tr> <td>o 625</td> <td>1,2,3,4,5,6</td> <td>2,5,6</td> </tr> <tr> <td>o 800</td> <td>1,2,3,4,5,6</td> <td></td> </tr> </tbody> </table> <p><u>Special versions:</u></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Air diffuser elements (standard: black)</td> <td style="width: 50%;">o white</td> </tr> <tr> <td>Plate powder coated (standard: RAL 9010)</td> <td>o RAL.....</td> </tr> </table> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : DLA "LTG System clean[®]"</p>	Size	square	round	o 200	A, B		o 300	1,2,3,4	2	o 400	1,2,3,4,5,6	2,5,6	o 500	1,2,3,4,5,6	2,5,6	o 600	1,2,3,4,5,6	2,5,6	o 625	1,2,3,4,5,6	2,5,6	o 800	1,2,3,4,5,6		Air diffuser elements (standard: black)	o white	Plate powder coated (standard: RAL 9010)	o RAL.....		
Size	square	round																													
o 200	A, B																														
o 300	1,2,3,4	2																													
o 400	1,2,3,4,5,6	2,5,6																													
o 500	1,2,3,4,5,6	2,5,6																													
o 600	1,2,3,4,5,6	2,5,6																													
o 625	1,2,3,4,5,6	2,5,6																													
o 800	1,2,3,4,5,6																														
Air diffuser elements (standard: black)	o white																														
Plate powder coated (standard: RAL 9010)	o RAL.....																														

Qty	Product description	Unit price in DM	Total in DM						
	<p style="text-align: center;"><i>Swirl Diffuser DLA 7 (with swirl disc)</i></p> <p><u>Features:</u> Adjustable swirl diffuser for constant or variable flow rates. High induction ratio, optimum air guiding contour through swirl disc. Rapid reduction of expelled air speed and temperature difference. All-metal version.</p> <p><u>Diffuser comprising of:</u> Front plate of galvanized sheet steel, visible side powder coated acc. to RAL, with built-in swirl disc, visible side powder coated, with an air flow-optimized contour for a virtually turbulence-free and noiseless air guidance, factory-set, subsequently adjustable even after installation</p> <ul style="list-style-type: none"> - air distribution box (square, pyramid or cylinder type) of galvanized sheet steel with suspension bores; socket either lateral/round or lateral/rectangular or from above/round. - throttling element DEU (adjustable from below) - air outlet square - air outlet round <p><u>Sizes:</u></p> <ul style="list-style-type: none"> o 400 o 500 o 600 o 625 o 800 <p><u>Special versions:</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">Plate powder coated (standard:</td> <td>RAL 9010) RAL.....</td> </tr> <tr> <td>Swirl disc powder coated</td> <td>o RAL 9010 (standard)</td> </tr> <tr> <td></td> <td>o RAL 9011</td> </tr> </table> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : DLA 7 (with swirl disc)</p>	Plate powder coated (standard:	RAL 9010) RAL.....	Swirl disc powder coated	o RAL 9010 (standard)		o RAL 9011		
Plate powder coated (standard:	RAL 9010) RAL.....								
Swirl disc powder coated	o RAL 9010 (standard)								
	o RAL 9011								

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Floor-mounted Air Diffuser Type BLA</i></p> <p><u>Features:</u></p> <p>Highly inductive free-flow diffuser with an expelled air range of 60°, designed for installation in raised floors. Easily accessible dirt trap with gradually adjustable throttle slides. Easy half-width and complete closing as well as subsequent adjustment after installation possible. Diffuser plate for a fine splitting of the air jet into 20 individual microjets. Antiskid surface. Floor-mounted diffuser acc. to IBM directive: class 1.2. Breaking load > 10000 N with steel rollers ($\phi = 65$ mm, b= 40 mm). Recommended flow rate: 30-60 m³/h per diffuser.</p> <p><u>Diffuser comprising of:</u></p> <p>diffuser plate, fiber-reinforced makrolon nominal diameter: 150 mm color: o light grey (similar to RAL 7035) o graphite grey (similar to RAL 7024)</p> <p>dirt trap (santoprene) with 4 throttle slides (makrolon), graphite black (similar to RAL 9011)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Floor-mounted Air Diffuser Type : BLA</p> <p><u>Special versions and accessories:</u></p> <ul style="list-style-type: none"> o air distribution box of galvanized sheet steel with retaining and sealing ring o thottle slide, factory-mounted o special color of diffuser plate similar to RAL No. o fastener (in combination with carpet ring, color same as diffuser plate) o retaining ring, makrolon (for raised floors) o clamping piece, galvanized steel (for hollow space floors) 		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Floor Level Air Diffuser Type BLQ</i></p> <p><u>Features:</u></p> <p>Strip-type diffuser for installation in bases and connection to hollow space or compressed floors, for creation of a virtually turbulence-free displacement air flow with excellent reduction of temperature difference and great jet penetration depth.</p> <p>Casing of galvanized sheet steel, front side with concealed bores. Powder coated acc. to RAL 9010.</p> <p>Air intake from below through hollow space floor, pressure balancing through adjustable throttle element integrated in the diffuser.</p> <p>Diffuser plate fastened through adhesive tape, thus easy and quick removal whenever required.</p> <p>Volume flow rate of supply air: 50-100 m³/hm Height above floor: 122 mm Diffuser depth: 103 mm Temperature difference between ambient air and supply air: 1-6 K Sound power level: ≤ 35 dB(A)</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Convenience Air Diffusers Type : BLQ</p> <p>Diffuser lengths (standard):</p> <ul style="list-style-type: none"> o 750 mm o 1000 mm o 1250 mm o 1500 mm o 1750 mm <p>Special color: RAL</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Industrial Diffuser Type DLD</i></p> <p><u>Features:</u> Industrial air diffuser for heating and cooling halls at installation heights of 3 to 12 m.</p> <p><u>Cooling:</u> In the cooling mode, the air is blown out horizontally. Through broad radial spreading of the cold air, draft phenomena in the occupied space are avoided.</p> <p><u>Heating:</u> In the heating mode, the air is blown downwards. Thanks to the increased flow impulse, the heated air easily reaches the occupied zone. In case of large installation heights, huge excess temperatures of the supplied air during heating or small volume flow rates and low installation heights, the increased flow impulse is achieved by opening a nozzle pointing downward. The penetration depth is infinitely variable depending on the temperature difference between supply and ambient air, thus ensuring an excellent air exchange in the zone close to the floor.</p> <p><u>Diffuser comprising of:</u> Cylindrical perforated sheet jacket with deflection plate and diffuser head with integrated nozzle including a honeycomb rectifier for unifying the flow pattern when bends are connected in line</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Industrial Diffuser Type : DLD</p> <p>Sizes: o 400 mm ø o 500 mm ø o 630 mm ø</p> <p><u>Suspension height:</u> o H = heigh (5-7 m or 9-12 m resp.) o N = low (3-5 m)</p> <p><u>Installation:</u> o W = wall/column mounting (diffusion angle: 180°) o F = freely suspended (diffusion angle: 360°)</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;">- 2 -</p> <p><u>Duct connection:</u></p> <ul style="list-style-type: none"> o M = metu (recommended standard) o S = plug connector o F = flanged connection <p><u>Adjustment:</u></p> <ul style="list-style-type: none"> o m = manual o p = pneumatic (0.2..1.0 bar) o e = electrical (0...10 VDC) <p><u>Surface finish:</u></p> <ul style="list-style-type: none"> o v = galvanized o l = painted similar to RAL <p><u>Nozzle jacket:</u></p> <ul style="list-style-type: none"> o J = with o O = without <p><u>Accessories:</u></p> <ul style="list-style-type: none"> o Air guide control unit Type LSE suitable for max. 10 DLD...../e for connection to 24 V ~ power supply, w/o transformer, w/o distributor, w/o temperature probe, w/o manual control unit. o Manual control unit suitable for LSE in IP 65 casing. o Air control unit, transformer and distributor in IP 65 casing, suitable for max. 4 DLD .../e for connection to 230 V ~ power supply, w/o temperature probe, w/o manual control unit. o Complete control unit for DLD.../e comprising of: air guide control unit, transformer and distributor in IP 65 casing, suitable for 4 DLD .../e for connection to 230 V ~ power supply, with room temperature and duct temperature probe including IP 65 manual control unit, however w/o wiring between temperature probe and controller or between manual control unit and controller, respectively. 		

Qty	Product description	Unit price in DM	Total in DM															
	<p style="text-align: center;"><i>LTG Laboratory Diffuser Type LTD</i></p> <p><u>Features:</u></p> <p>Laboratory supply air diffuser in terms of a modular linear diffuser for production of a low-induction displacement air flow. Air guidance from top to bottom through broad stable downflow. High air quality in the occupied space since the diffuser's induction ratio ensures that contaminated ambient air is precisely drawn off the room as return air.</p> <p>Diffuser element with optimized perforation creating a broad supply air flow, with integrated guiding insert of galvanized sheet steel. Visible surface of the diffuser element powder coated acc. to RAL, on request end cover galvanized.</p> <p>For various flow rate ranges, two diffuser lengths are available. The diffuser module may either be freely suspended (without sliding socket) or integrated in suspended ceilings (with sliding socket).</p> <table border="1" data-bbox="316 1120 1077 1299"> <thead> <tr> <th>Diffuser type</th> <th>Length mm</th> <th>Flow rate m³/h</th> <th colspan="2">Cross section W X H (initial) (end)</th> </tr> </thead> <tbody> <tr> <td>LTD 2</td> <td>1100</td> <td>140-300</td> <td>400 x 355</td> <td>400 x 280</td> </tr> <tr> <td>LTD 2</td> <td>2000</td> <td>280-600</td> <td>400 x 400</td> <td>400 x 355</td> </tr> </tbody> </table> <p>Sliding socket (H) 135-210 mm</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Laboratory Diffuser Type : LTD</p>	Diffuser type	Length mm	Flow rate m ³ /h	Cross section W X H (initial) (end)		LTD 2	1100	140-300	400 x 355	400 x 280	LTD 2	2000	280-600	400 x 400	400 x 355		
Diffuser type	Length mm	Flow rate m ³ /h	Cross section W X H (initial) (end)															
LTD 2	1100	140-300	400 x 355	400 x 280														
LTD 2	2000	280-600	400 x 400	400 x 355														

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Displacement Diffuser Type DLQ</i></p> <p><u>Features:</u></p> <p>Air displacement diffuser for cooling, for installation heights of up to 4 m or floor level. Suitable for convenience and industrial areas. For low-impulse supply air, and both low sound power level and room air speeds, with a broad radial spreading of the air. Variable inflow possible from both above and below.</p> <p><u>Diffuser comprising of:</u></p> <p>Cylindrical perforated sheet jacket with specially designed perforation for a rapid reduction of the supply air speed and low sound power level as well as interior orifice plates for low-noise supply air guidance and integrated deflection plate for optimum supply air spreading</p> <p><u>Sizes:</u></p> <ul style="list-style-type: none"> o 500 mm ø (height w/o socket: 860 mm, overall height: 920 mm, socket diam.: 315 mm) <p><u>Surface finish:</u></p> <ul style="list-style-type: none"> o v = galvanized o l = painted similar to RAL <p><u>Duct connection:</u></p> <ul style="list-style-type: none"> o S = plug connector o F = flanged connection o M = metu (recommended standard) <p>Manufacturer: LTG Aktiengesellschaft Series: Industrial Diffusers Type : DLQ</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Tubular Diffuser Type RLA</i></p> <p><u>Features:</u></p> <p>Tubular diffuser, round, made in segments of up to 1 m, with factory-inserted cylindrical slot nozzles of polystyrene in a plastic casing with best acoustic properties (LDB 9 Coandatrol).</p> <p>Slot nozzles (58 mm) arranged in segments in direction of air flow (instead of a continuous line of slot nozzles), thus individual direction of air diffusion, subsequently adjustable.</p> <p>Number and arrangement of LDB 9 diffuser elements depending on flow rate and installation conditions.</p> <p>Tubular diffuser segments connected through tightening straps, thus easy detachment of individual units for cleaning.</p> <p>Interior transition pieces (without visible beadings) and attractive tightening straps of stainless steel V4A for easy suspension.</p> <p>Adjustment of flow rate for larger diffuser lengths by means of circular segment plates.</p> <p><u>Lengths:</u> o 500 o 1000 o 1500 o 2000</p> <p><u>Versions:</u> o stainless steel (only lengths 500 and 1000) o galvanized steel, unpainted o galvanized steel, painted similar to RAL</p> <p><u>Diameters:</u> o 250 o 300 o 355 o 400 o 450</p> <p><u>Number of slot rows:</u> o 2 o 3 o 4 o 5 o 6</p> <p><u>Accessories:</u> o end cover o blind tube</p> <p>Manufacturer: LTG Aktiengesellschaft Series: Air Diffusers Type : Tubular Diffuser RLA</p>		

Qty	Product description	Unit price in DM	Total in DM
	<p style="text-align: center;"><i>LTG Tubular Diffuser Type RLB</i></p> <p>Tubular diffuser, round, made in segments of up to 2 m, for supply or return air. Diffuser openings without plastic elements. Non-inflammable (building materials class A1). Air distribution line with a smooth surface look over the entire length, easy cleaning.</p> <p>Interior tube reinforcing with integrated suspension by means of two bores, for M10 threaded rods and counter nuts to be provided by the customer.</p> <p>Easy and safe connection of the tubular segments through standard off-the-shelf internal plug connectors. As an option, the METU system AF may be used as well.</p> <p>Interior flow guide with pressure balancing. Factory-preset for a uniform distribution of the air over the entire length of the line.</p> <p><u>Versions:</u></p> <ul style="list-style-type: none"> o stainless steel (V2A) o galvanized steel o galvanized steel, powder coated similar to RAL <p><u>Length:</u></p> <ul style="list-style-type: none"> o 1500 <p><u>Diameters:</u></p> <ul style="list-style-type: none"> o 200 o 250 o 315 o 400 o 500 o 630 <p><u>Length:</u></p> <ul style="list-style-type: none"> o 2000 <p><u>Diameters:</u></p> <ul style="list-style-type: none"> o 200 o 250 o 315 o 400 <p><u>Accessories</u></p> <ul style="list-style-type: none"> o final cover Ø..... o elbow°, Ø..... o straight tube <ul style="list-style-type: none"> length: o 1500 diameter: o 200 o 250 o 315 o 400 o 500 o 630 length: o 2000 diameter: o 200 o 250 o 315 o 400 <p>Manufacturer: LTG Aktiengesellschaft Series: Air Diffusers Type : Tubular Diffuser RLB</p>		