

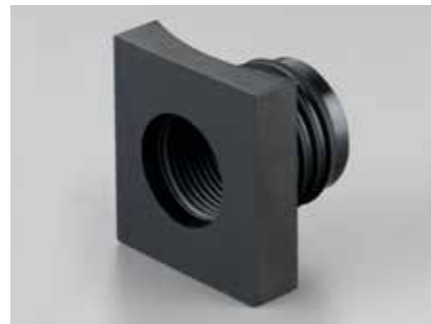
Accessories





Rubber Saddles

JetFlex® Disc Diffusers with R $\frac{3}{4}$ " nipple may be installed onto all plastic pipes suitable for waste water and hot air. Grommets are suitable for all plastic pipes with outer diameter between 89 and 141 mm (3 $\frac{1}{2}$ and 5 $\frac{9}{16}$ inch). Wall thickness for the Universal Saddle should be between 4 and 8 mm ($\frac{5}{32}$ and $\frac{3}{16}$ inch). The exertion force for this saddle is approximately 850 N with discs properly installed. Universal Saddles work with all JetFlex® disc diffuser with $\frac{3}{4}$ " male thread. For further details please refer to our Technical Information "Installation (of JetFlex® Disc Diffusers) using EPDM-Grommets" at www.jaeger-envirotech.com



part-no.	description	material	colour
01005199	rubber saddle universal	EPDM	black

PVC Saddles

PVC Saddles are made from U-PVC and may be glued onto 90 and 110 mm PVC pipes (U-PVC and/or C-PVC). They are equipped with a G $\frac{3}{4}$ " female thread. The opening in the header pipe should measure 36 ± 0.5 mm. You may rectify slight deviations in diameter and position of bore by accurately positioning the saddle on top of the pipe, thread pointing exactly upwards. For detailed information on gluing the saddle to the header please refer to instructions from glue manufacturers, e.g. Tangit by Henkel at www.tangit.com or equivalent. You may have to secure the position of the clamp by cable ties or similar means for 5 minutes or more depending on temperature.



part-no.	description	material	colour
02003662	saddle 90 mm	PVC	white
02004508	saddle 90 mm	PVC	grey
02003663	saddle 110 mm	PVC	white
02004509	saddle 110 mm	PVC	grey

Check Valve (for JetFlex® HD200, HD270 and HD340 with R $\frac{3}{4}$ external thread)

Check valves (non-return-valves) consist of a PP housing containing an 8 mm SS-ball. The stainless-steel ball prevents backflow of sludge into headers in case of damage to the membrane of the disc. Check valves alter the headloss characteristic of JetFlex® disc diffusers, so do not install discs with and without check valve in the same tank or on the same grid. Check valves work best if discs are installed using our clamp adaptors 90 N or our rubber saddles, see above.



part-no.	description	material	colour
02003636	non-return valve	PPC30%GF/SS	white



Clamp Adapters

Clamp adapters come in a variety of sizes and threads. They require a 40 +0 -1 mm hole in the header pipe. For disc diffusers this hole must point exactly upwards. Short tube diffusers (max. 560 mm length) have to be leveled within ± 5 mm at the ends, so both 40 mm holes must be aligned horizontally. Tube diffusers longer than 560 mm should be fixed using our fixing plates and L-brackets mentioned on page 6. All clamps come with a cable-tie-like mounting aid freeing your hands during installation. Clamps are installed in pairs. You need two threaded ones (1" male) for a pair of tubes or one threaded and one blind one for a single tube. Discs require one threaded and one blind clamp. Clamp adapters 90N have been designed especially for 90 mm headers with existing openings of about 15 mm. You may connect any JetFlex® disc diffuser with a set of one 90N-clamp R $\frac{3}{4}$ and one blind clamp. This threaded clamp easily accommodates our check-valve giving you full compatibility, if necessary. Clamp adapter 90N-G1 male thread may be used to connect tube diffusers onto 90 mm plastic headers. The clamp requires a 16 mm opening in the header (+1/-0 mm). This clamp causes some additional headloss for airflow rates above 8 m³/h per diffuser. Nuts, bolts and washers are within the scope of supply. O-Ring is included with all threaded clamps.

Clamp Adapters with male thread

part-no.	description	material	colour
02003754	clamp adapter 114.3 with 1" male thread	PP20%GF/SI/SS	black
02003902	clamp adapter 110 with 1" male thread	PP20%GF/SI/SS	black
02004699	clamp adapter 90 N with 1" male thread	PP20%GF/SI/SS	black



Clamp Adapters with female thread

part-no.	description	material	colour
02003756	clamp adapter 114.3 with R $\frac{3}{4}$ female thread	PP20%GF/SI/SS	black
02003904	clamp adapter 110 with R $\frac{3}{4}$ female thread	PP20%GF/SI/SS	black
02003977	clamp adapter 90 N with R $\frac{3}{4}$ female thread	PP20%GF/SI/SS	black



Clamp Adapters without thread

part-no.	description	material	colour
02003755	clamp adapter 114.3 without thread	PP20%GF/SS	black
02003903	clamp adapter 110 without thread	PP20%GF/SS	black
02003978	clamp adapter 90 N without thread	PP20%GF/SS	black





Adapters

Existing diffusers on square tubes may be mounted using different connectors and openings. We carry adapters for existing openings of 40 and 45 mm. There is no need for an additional gasket.¹ The existing connectors are replaced by our 1" stainless-steel connectors, see further below.



part-no.	description	material	colour
02003669	Flange Seal 40 mm	Desmopan	white
02004874	Flange Seal 45 mm	Desmopan	white

¹ As a matter of principle each carton with tube diffusers contains the appropriate amount of EPDM or silicone gaskets. In combination with Desmopan-Adapters you do not need these gaskets.

Stainless-steel clamps

Replacing sleeves requires new clamps to secure sleeves on support tubes. We do not recommend the use of worm-gear-clamps as these clamps may squeeze and crimp the sleeve. This may damage the sleeve or cause air-leakage at the clamp. See our installation instructions for details. V2A clamps (SS304) are stocked, V4A clamps (SS316) are available, too, but non-stock items.



part-no.	description	material
12000601	clamp 66.5 mm diameter	V2A
12000602	clamp 68.0 mm diameter	V2A
12000603	clamp 69.5 mm diameter	V2A
12000761	clamp 95.0 mm diameter	V2A

Pincer

This pincer is ideally suited to close above mentioned stainless-steel clamps. A regular pair of pliers may deform the ear of the clamp and is regarded as an emergency repair tool only.



part-no.	description
91002831	pincer

Sealing for Tube Diffusers JetFlex® TD65-2 G

Tube diffusers usually include all necessary sealing. If for any reason diffusers are disassembled we strongly recommend replacing the seals upon re-installation.



part-no.	description	material	colour
06018329	gasket TD65-2 G1	Silicone	red
06031688	gasket TD65-2 ¾	Silicone	red



Sealing for Tube Diffusers JetFlex® TD63-0 (formerly TD 63/2 - - -)

Tube diffusers usually include all necessary sealing. If for any reason diffusers are disassembled we strongly recommend replacing the seals upon re-installation.



part-no.	description	material	colour
06017160	gasket 63x27x4 mm	EPDM	black
06017161	gasket 63x34x4 mm	EPDM	black
06017163	gasket 63x27x4 mm	Silicone	red
06017164	gasket 63x34x4 mm	Silicone	red

Blind Plugs

Many tube diffusers in Europe are installed onto square-tube-headers. Occasionally there is the need to omit individual diffusers due to obstructions in the tank etc. Blind plugs allow you to install a single diffuser either side of the header. Of course, a pair of diffusers may be replaced by a pair of blind plugs, too. Diffusers with ¾" NPT usually are not installed in pairs, so the applicable blind plug serves as a cap or plug to shut off unused existing connections.



part-no.	description	material	colour
02003667	blind plug G¾"	PP30%GF	green
02003668	blind plug G1"	PP30%GF	blue
02003670	blind plug ¾" NPT	PP30%GF	grey

Stainless-Steel Connectors (Square headers)

For almost all kinds of square and rectangular pipes there is a connector for our tube diffusers. Other lengths are available on request.



part-no.	description	material
21000601	connector ¾", length 130 mm	V2A
21000602	connector ¾", length 150 mm	V2A
21001848	connector 1", length 130 mm	V2A
21001847	connector 1", length 150 mm	V2A
21001846	connector 1", length 170 mm	V2A
21001853	connector ¾", length 145 mm	V2A
21001851	connector ¾", length 165 mm	V2A
21001854	connector 1", length 145 mm	V2A
21001850	connector 1", length 165 mm	V2A
21001844	connector 1", length 185 mm	V2A



Plastic connectors / Saddles (Round headers)



In order to join tube diffusers intended for square headers to 4-inch round headers there is a special connecting set available. Each set consists of 2 saddles and one connector threaded on both ends with 1" male threads.

part-no.	description	material	colour
01005958	saddle for 4" pipes	PP30%GF/EPDM	black
02003713	connector for 4" pipes	PA6 GF25	black

Fixing Plates



Tube diffusers may be exposed to high water currents near blade mixers etc. This may cause oscillatory instability particularly with regard to long diffusers. In order to avoid flapping of diffusers this special end cap may be inserted into the far end of the tube and fixed to the ground. The end cap does not hamper water flowing into the open end of the diffuser keeping the buoyancy of the tube low. Please specify installation height of diffusers in order to select the proper length of the SS brackets.

part-no.	description	material	colour	threaded nut
02003661	fixing plate for TD63	PP	green	M10
02004797	fixing plate for TD65	PP	black	M8

L-brackets



part-no.	description	material	threaded nut
21999999	bolt, washer, L-bracket (please call)	SS	M8/M10

Pipe Support



Pipe supports are made from stainless steel (ANSI 304/316) with adjustable height for laterals and headers in order to achieve optimum uniformity of aeration. Available sizes are for 4" and 6" laterals and headers as well as for DN100 and DN150 metric sizes. Please, call for details.

description	material
pipe support 110/114.3/160 mm	SS



GENERAL SALES CONDITIONS JÄGER UMWELT-TECHNIK GMBH
Version 08/2016

- L. Waiver of title**
- 1. These General Sales Conditions shall apply to all current and future contracts and other transactions. Buyer's conditions are not binding for us, although if we did not expressly object thereto. Changes after having received ours.**
- 2. Our offers are subject to confirmation. Agreements, especially oral agreements, promises, gestures and clear statements of our sales employees become only binding if they are confirmed by us in writing.**
- 3. Delivery and shipping is subject to the offer file data, pricing, technical data, references to standards as well as drawings in technical systems do not constitute a contractual statement or warranty of the goods unless explicitly referred to in writing.**
- 4. Goods may be subject to deviations in offers, samples, test and previous deliveries which are customary according to actually valid DIN/EN standards or other relevant technical standards.**
- M. Price**
- 1. Unless otherwise agreed, our price are to be understood in EURO and shall apply tax "net". Any change of pricing and price V.A.T. The calculation will be made on the basis of the prices being valid at the delivery date.**
- 2. If we deliver by monthly price period, we shall transfer the pricing responsibility of not cost price with the statutory regulations to take back packages delivered by us if the Buyer returns them to us within a reasonable time and "Freightpaid".**
- N. Payment and cost of**
- 1. Our invoices become due within 14 days from date of invoice by deducting 2% discount or within 30 days net. In any case the amount shown in the invoice has to be made available to us at the latest on the due date. At the latest 10 days after the due date because the Buyer is considered to be in default without having to send us a reminder.**
- 2. Invoices amounting below EURO 500 (Euro) and those for recurring, regular, weekly and periodic payments are payable due to once without any deductions.**
- 3. Consideration being considered by us or being of no legal force do not enable the Buyer neither to retain nor to set off payments.**
- 4. On expiry of any term of payment agreed upon, but at the latest ten days, we are entitled to suspend interest charges in the amount of three (3) percent monthly interest rate at least in the amount of 6 per cent above the respective basic interest rate. The enforcement of higher damage caused by default is reserved.**
- 5. In the event that our claims, subsequent to the conclusion of the contract, are endangered because of non-performance on the part of the Buyer, we shall be entitled to make use of the date of July 2011 (B2B German Civil Code) (jurisdictional reservation - jurisdiction of insolvency). Upon this step we are to make all our claims due from our current business connection with the Buyer due for payment and to suspend the date of enforcement set to date 100%. In case of default we are also entitled after expiry of a reasonable period - to demand the immediate liquidation of the goods to be sold and to have the goods sold on the spot. In such cases the goods to be sold shall not be considered as withdrawn from the contract. All these legal consequences may be avoided if the Buyer makes a payment or gives a guarantee in the amount of the endangered claims. The provisions of the Insolvency Statute are not affected by the aforementioned regulations.**
- 6. An agreed discount always refers to the value of goods ordered, exclusive of freight and insurance but all discounts of the Buyer at the date of the contract have been paid. Full claim are payable notwithstanding default.**
- O. Delivery terms**
- 1. Delivery terms and dates are established as delivered when up to its expiry the subject of delivery has left our factory.**
- 2. Delivery date shall be extended to a reasonable extent in case of strikes and lockouts as well as in case of unforeseen hindrances such as natural or man-made disasters and in the event of extraordinary events. The Buyer shall be notified of the extension of the delivery date. We shall also apply if types of damage occur at any point. We shall deliver the goods without delay if types of damage occur. These provisions apply accordingly to delivery terms. In the event that the conclusion of the contract becomes impossible for one of the contractual parties then it may withdraw from the contract.**
- P. Retention of ownership**
- 1. All delivered goods remain our property (retention of title) until complete payment of all claims arising from all current business transactions, no matter in what legal form, inclusive of claims or conditional claims.**
- 2. Processing of reserved goods by third parties as mentioned in the terms of Art. 409 (para. 1) without our consent. The processor is considered as reserved party in the terms of paragraph 1. In case the Buyer processes, conveys or sells the reserved goods without our consent, these goods shall remain a joint property in the name of the seller and the buyer. In the event that the Buyer processes, conveys or sells the reserved goods, the Buyer shall be liable for the value of the reserved goods to the extent of the value of the goods. The Buyer shall also be liable for the value of the reserved goods to the extent of the value of the goods. The Buyer shall also be liable for the value of the reserved goods to the extent of the value of the goods.**
- 3. The Buyer is entitled to collect claims out of the assets. This right, however, can be at any time withdrawn by us. We shall make use of the right of retention only in those cases as mentioned under paragraph 1. Upon conclusion of the Buyer's claims in relation to customer insolvency of the seller to us - unless we consider it in our interest - and to give us the necessary information and documents for collection.**
- 4. The Buyer has to inform us without any delay about any default or other impediment through a third party.**
- 5. In the event that the value of the claims exceeds the secured claim liability by more than 20 per cent, then we are obliged - upon Buyer's demand - to release ourselves at our choice.**
- Q. Performance of deliveries**
- 1. At the time when the merchandise is handed over to the forwarder, but at the latest when the goods are delivered to the warehouse or - in case of direct sales - to the customer, the manufacturer shall be liable for the goods. Only and solely in the event of damage due to the fault of the Buyer, the manufacturer shall not be liable for the goods. The manufacturer shall not be liable for the goods if the damage is caused by the fault of the Buyer. The manufacturer shall not be liable for the goods if the damage is caused by the fault of the Buyer. The manufacturer shall not be liable for the goods if the damage is caused by the fault of the Buyer.**
- 2. We are entitled - to a reasonable extent - to make partial deliveries. In case of contracted goods we reserve the right to stop delivery to 10% of the contracted quantity shall be guaranteed.**
- 3. In case of stop or delay we are entitled to produce or produce by which ordered quantities have been delivered. Unless otherwise agreed, it is not possible to substitute requests for change until the order has been placed. On all dates and quantities can only be ordered within the agreed order quantity or production quantities. As far as the final quantities have been established, no further orders shall be placed as agreed upon, that we are entitled to consider the merchandise - after the agreed quantities - as delivered and to reject it.**
- R. Removal of defects**
- 1. In case of a formal, general notice of defect we may to our choice repair the defect or make a replacement (subsequent performance - Nachlieferung). Should the elimination of defect or replacement delivery fail, the Buyer shall at his discretion be entitled either to reduce the purchase price or other remedy and an appropriate discount and the delivered item, to cancel the contract. In case of minor defects the Buyer is liable for the costs of the repair.**
- 2. We shall only take over responsibilities in connection with a subsequent performance under no three we guarantee it. In particular cases and especially in the case of the purchase price of the goods delivered, immediate claims because the final merchandise has been brought to a place other than the place or the branch of the Buyer named therein under no three this corresponds to contractual law.**
- 3. The Buyer may only claim defective goods. If the goods are defective because of the defect of the manufacturer, we reserve the right to demand the return of the goods or replacement.**
- 4. Further claims are excluded according to paragraph 1. This especially applies to claims for damages which do not occur at the merchandise itself (damages caused by a defect - Schadensersatz).**
- S. General limitation on liability and exclusion of retention**
- 1. We shall not be liable for contractual and extra-contractual damages, especially for incapacity, default, delay in execution and interest claims - also for our own negligence and intentional actions - in case of intentional or gross negligence, limited to the typical contractual and foreseeable damage of the law when the contract is concluded.**
- 2. These limitations shall not apply in case of a suitable clause which covered contractual claim, liability in the amount of the contract value or the contract value, in case of a contract value exceeding the amount of the contract value. In case of a contract value exceeding the amount of the contract value, the Buyer shall be liable for the contract value. The provisions concerning the limit of gross negligence apply.**
- 3. Unless otherwise agreed upon, contractual claims with respect to the Buyer applied in on the occasion of or in connection with the delivery of goods, shall become due before the year after the date of the contract. This deadline shall apply also for any goods which were used for a further delivery to a third party or were processed. The provisions concerning the limit of gross negligence apply. The limit of the contract value shall not apply to claims for damages caused by a defect of the goods. The limit of the contract value shall not apply to claims for damages caused by a defect of the goods. The limit of the contract value shall not apply to claims for damages caused by a defect of the goods.**
- T. Copyright**
- 1. We reserve the property right and copyright on all offers, data, designs and other documentation which may only be disclosed to a third party upon our consent. Design and other documentation being particular attention to be taken to be taken.**
- 2. In the event that we delivered articles according to drawings, models, patterns or other documents belonging to the Buyer, then the Buyer shall be liable for the protection status of third parties as not retained. If a third party claims us for protection and delivery of such data under reference to protective status, we are entitled - without being considered to have the legal standing - to stop any further supply and in case of Buyer's limit, to demand damage compensation. Further the Buyer shall be liable for the costs of the legal proceedings.**
- U. Trial period, revocation, recall**
- 1. In the event that the Buyer's supply is not satisfactory, the Buyer may return the goods to us within 14 days from the date of delivery. In this case, the Buyer shall be liable for the return of the goods. The Buyer shall be liable for the return of the goods. The Buyer shall be liable for the return of the goods. The Buyer shall be liable for the return of the goods. The Buyer shall be liable for the return of the goods.**
- 2. The provision of this article includes the costs for the recalls and tolls are for the account of the Buyer.**
- 3. Property rights in models, tools and other equipment which are necessary for the production of ordered parts depend on the agreement made. We oblige ourselves to hold such devices for at least one year after their final use.**
- 4. Our liability for tools, models and other production devices provided by the Buyer is limited to the same limit as our own liability. Costs for maintenance and repair shall be borne by the Buyer. Our duty of retention applies - independent of Buyer's property rights - at the latest five years after the recall of recall has been provided.**
- V. Place of Performance, Jurisdiction, Applicable Law**
- Unless otherwise agreed to, our local office shall be the place of performance for our deliveries. If otherwise agreed, our jurisdiction shall be Hamburg, Germany. The place of jurisdiction is Hamburg, Germany. We can claim against the Buyer according to paragraph 1.**
- 2. All legal relationships between ourselves and the Contractor shall be governed by the laws of the Federal Republic of Germany supplementing these Purchase Conditions, including the provisions of the United Nations Convention on Contracts for the International Sale of Goods (CISG) of 11-01-1980.**
- W. Applicable Version**
- In case of doubt, the German version of these General Conditions of Purchase shall apply.**



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