

Product information



Big Dutchman

Big Dutchman China Head Office

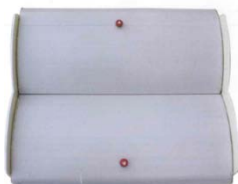
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☒ Chinese market ☒ SEA market ☐ Poultry ☒ Pig

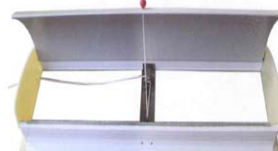
No. 10106 6th May 2015

Single and double ceiling inlets

Single and double ceiling inlets are high-efficiency and low-cost fresh air inlets which can be installed in ceilings. With double ceiling inlet, the fresh air enters the house from two sides simultaneously. It can ventilate the house according its actual demand. Closing air inlets is done by pulling a wire rope.



Double ceiling inlet



Single ceiling inlet

➤ Advantages:

- ✓ Made of ABS engineering plastics and PVC, corrosion resistant, anti-aging and free of deformation;
- ✓ Hollow flap and the thermal insulation material around the inlet frame ensure the ceiling inlet has good insulation effect;
- ✓ High air output with low cost, its price is quite competitive;
- ✓ Assembled for delivery, which guarantees easy installation, maintenance and cleaning.

➤ Performance parameters

| Code No. | Description | Negative pressure (Pa) | Air output (m ³ /h) | Opening size (mm) |
|------------|---|------------------------|--------------------------------|-------------------|
| 87-00-4507 | Double ceiling inlet 4200 m ³ /h w/mounting set | 25 | 4200 | 230 |
| 87-00-4978 | Double ceiling inlet 7300 m ³ /h w/mounting set | 25 | 7300 | 230 |
| 87-00-4508 | Single ceiling inlet 2220 m ³ /h, w/mounting set | 25 | 2220 | 250 |

Linear servo motor of 400mm stroke is used to control these inlets:

| Code No. | Description | Remarks |
|------------|--|--------------|
| 87-02-0351 | Servo motor 230V 0.6A 50/60Hz 400TS-P stroke 400mm | Stroke 400mm |
| 87-02-0353 | Servo motor 24V 4A 400TS-P stroke 400mm | Stroke 400mm |

With a transmission ratio of 2:1, the maximum number of inlets each motor can control:

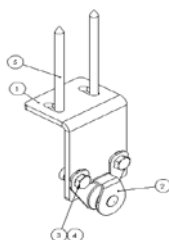
| Code No. | Description | Qty. of inlets |
|------------|---|----------------|
| 87-00-4507 | Double ceiling inlet 4200 m ³ /h w/mounting set | 120pc |
| 87-00-4978 | Double ceiling inlet 7300 m ³ /h w/mounting set | 80pc |
| 87-00-4508 | Single ceiling inlet 2220 m ³ /h, w/mounting set | 240pc |

➤ Assembly accessories

The control material is using 3mm SST wire rope. It can only be used for straight installation and can't be turned. The inlet is fixed on ceiling with 6 pieces of 6.3x 90 hexagon head flange drilling screws.

Furthermore, if the space between inlets is more than 5 meters, the support for steel wire rope must be installed between inlets.

| Code No. | Description |
|------------|--|
| 87-00-6626 | Support for steel thread 3mm CL1840 cpl. |



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