

# HE740 - exhaust with butterfly damper



The HE740 with butterfly damper on top of the chimney is a high efficiency and energy saving exhaust unit for livestock facilities. With a specific power consumption of 25.5 W/1000 m<sup>3</sup>/h, the exhaust unit is "best practice" in the industry and takes a significant lead over competing products.

HE740 will reduce your energy bill significantly and make you stay competitive in an ever changing and challenging market. It is simply power to your pocket!

## Immense savings

The aerodynamic shape of the ventilation unit, in combination with a highly efficient motor/impeller solution, saves an immense amount of energy in comparison with traditional solutions - often more than 70%.

The reason for these savings is that DACS (as the only company in the industry) has made an application match combining motor, impeller and chimney in an extreme high performance unit - a very profitable investment.

## Butterfly damper

The advantage of using the HE740 with butterfly damper is that it completely seals off from water, light, insects and wild birds when the unit is not in operation. The HE740 with butterfly damper should only be operated on/off.

| Pressure | Flow  | RPM | Power | W/1000m <sup>3</sup> /h |
|----------|-------|-----|-------|-------------------------|
| 0        | 17471 | 942 | 445   | 25.5                    |
| -10      | 16718 | 942 | 449   | 26.9                    |
| -20      | 15953 | 942 | 461   | 28.9                    |
| -30      | 14872 | 942 | 477   | 32.0                    |
| -40      | 13592 | 942 | 488   | 35.9                    |
| -50      | 12558 | 942 | 487   | 38.8                    |

## TECHNICAL SPECIFICATIONS

Motor 3 x 230V /3x400 V: 1.6/0.95 A.  
Shaft output power: 0.3 kW.  
Volume flow @ 0 Pa: 17471° m<sup>3</sup>/h @ 0 Pa.  
Specific consumption: 25.5 W / 1000 m<sup>3</sup>/h.  
Fan RPM: 945-960 @ 50 Hz.  
Materials: ABS / stainless steel.