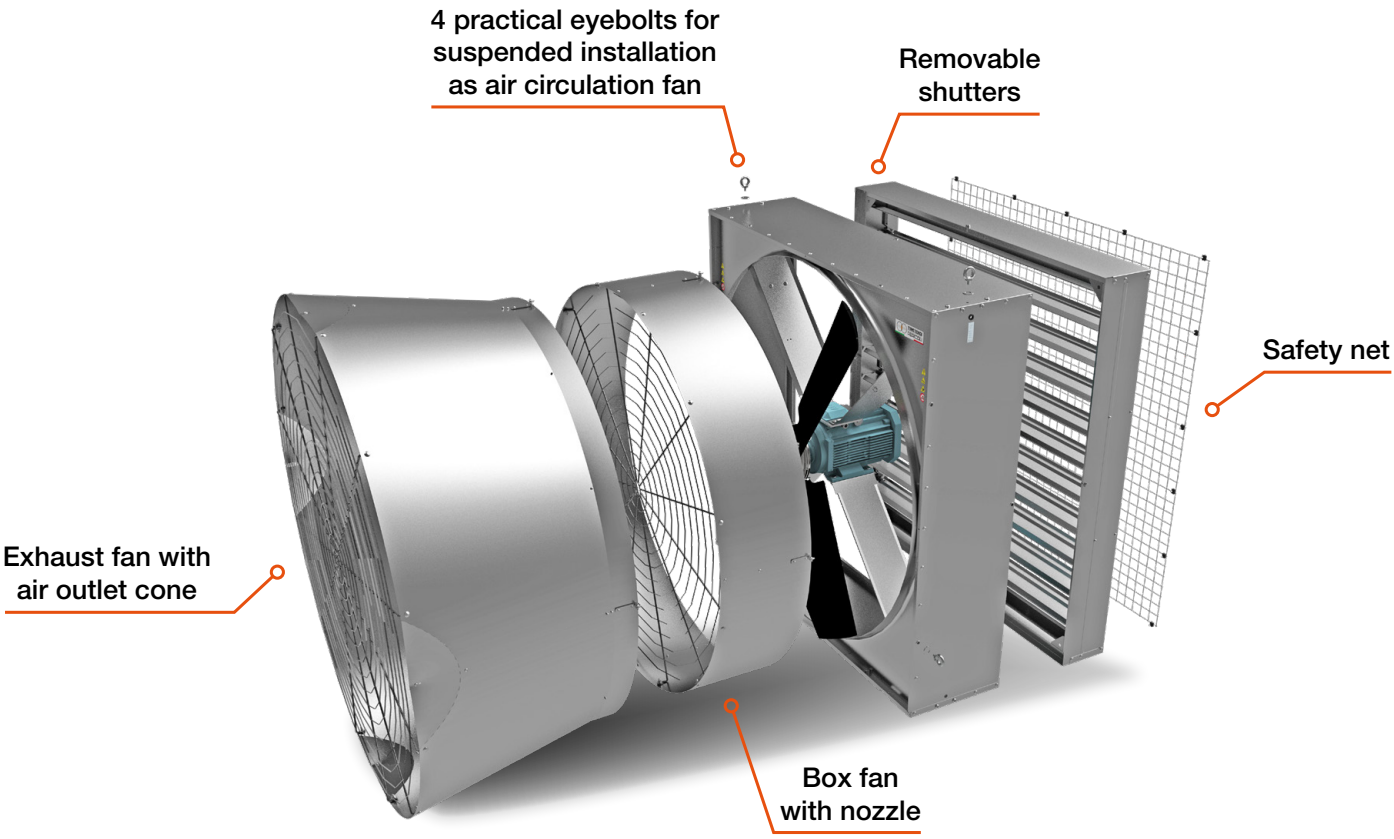
# EOD

Perfectly adaptable
to **your** needs.

TERMOTECNICA® PERICOLI

# **One** fan, **many** different configurations




With over 55 years of expertise, Termotecnica Pericoli supports farmers with innovative products. We are pleased to introduce one of our latest developments, the **EOD** fan: discover unparalleled flexibility and efficiency, tailored to suit your every need.

**EOD** is a fan meticulously engineered by our R&D department to answer to the needs of any customers. Just like a chameleon, it can change into many configurations.
The **EOD** can become an **exhaust fan with cone**, a **box fan**, or an **air circulator fan** to hang in your shed.

## Create the fan according to **your needs**.

Air circulation or exhaust fan. Cone or nozzle. Removable shutters and safety net.

*The fan cannot be sold without cone or nozzle.

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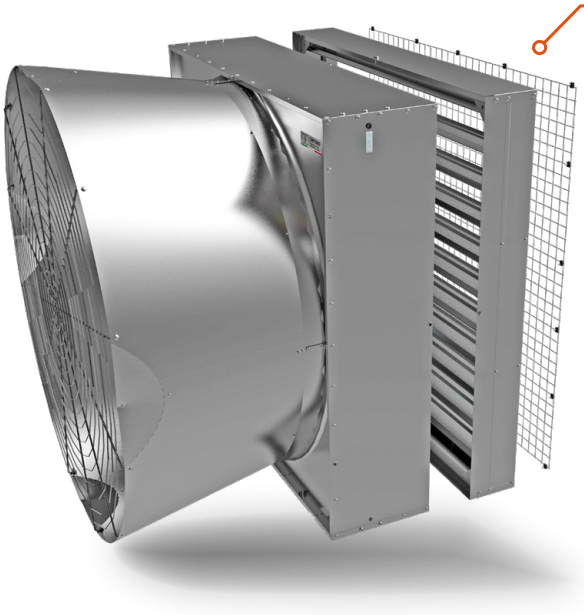
# EOD 53c

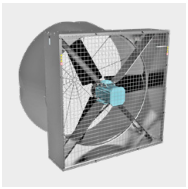
ErP Compliant 2026

Exhaust fan
with air outlet cone

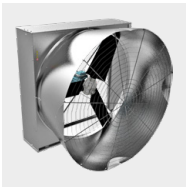


**EOD53c** is a cone fan that takes advantages of the benefits of the Venturi effect to deliver interesting results in terms of energy efficiency and operational cost.
Its **galvanized steel wallhousing** ensures extreme durability, even in very aggressive environments. The direct-drive design and the removable shutter (optional) make this fan a long-lasting product, with **minimal maintenance** requirements.
The product is designed in Italy and produced in Italy and Malaysia.

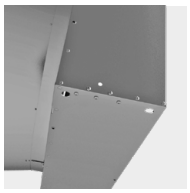
**RLC** Removable shutter (optional)



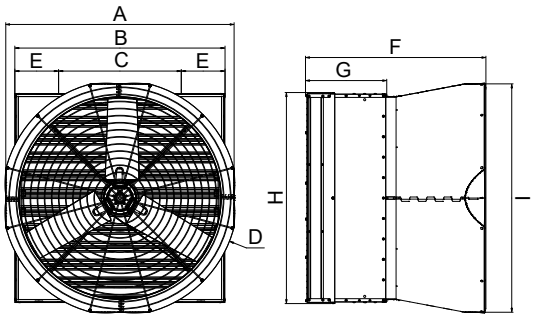
**NT** Safety net on air intake side (optional)



Security grid on the squared cone



Bottom panel with practical water discharge holes




| Dimension | EOD 53c |
|---|---|
| Dimension - A - [mm] | 1515 |
| Dimension - B - [mm] | 1395 |
| Dimension - C - [mm] | 814 |
| Dimension - D - [Ø mm] | 1562 |
| Dimension - E - [mm] | 290 |
| Dimension - F - [mm] | 1197 |
| Dimension - G - [mm] | 539 |
| Dimension - H - [mm] | 1400 |
| Dimension - I - [mm] | 1515 |

| EOD 53c | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model | Voltage* | Frequency | Propeller rotation speed (0 Pa - 0 $inH_2O$ | Air flow | | | | | Absorbed power (0 Pa - 0 $inH_2O$) | Specific power input (0 Pa - 0 $inH_2O$) | Ventilating Efficiency Ratio (0 Pa - 0 $inH_2O$) | Ventilating Efficiency Ratio (25 Pa - 0.10 $inH_2O$) |
| | | | | 0 Pa | 25 Pa | 50 Pa | 75 Pa | 100 Pa | | | | |
| | | | | 0 $inH_2O$ | 0.10 $inH_2O$ | 0.20 $inH_2O$ | 0.30 $inH_2O$ | 0.40 $inH_2O$ | | | | |
| EOD 53c | Δ 220-240 V Y 380-420 V | 50 Hz | 720 RPM | 27.700 cfm | 24.500 cfm | 21.200 cfm | 16.700 cfm | 11.000 cfm | 1440 W | 30,5 W/(1000m³/h) | 19,3 cfm/W | 16,1 cfm/W |
| | | | | 47.000 m³/h | 41.800 m³/h | 36.000 m³/h | 28.500 m³/h | 18.600 m³/h | | | | |
| | Δ 220-270 V Y 380-460 V | 60 Hz | 860 RPM | 25.900 cfm | 23.300 cfm | 20.600 cfm | 17.400 cfm | 13.900 cfm | 1370 W | 31,2 W/(1000m³/h) | 18,9 cfm/W | 15,7 cfm/W |
| | | | | 44.000 m³/h | 39.600 m³/h | 34.900 m³/h | 29.500 m³/h | 23.500 m³/h | | | | |

Tested according to ANSI/AMCA 210-07 ANSI/ANSHRAE 51-07 complying with ASABE/S565 OCT 2005.
*Different voltage and speed regulable motors over transformers are available on request.
**Note:** All fans tested with shutter and net.

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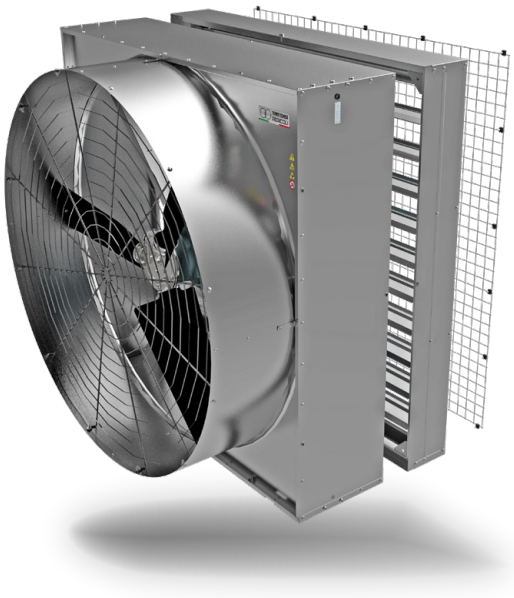
# EOD 53 v

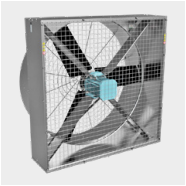
ErP Compliant 2026

**Box fan with nozzle**

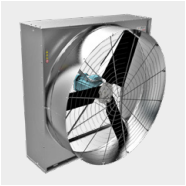


**EOD53v** is a box fan with nozzle on the air outlet side. Its **galvanized steel** wallhousing ensures extreme durability, even in very aggressive environments. The direct-drive design and the removable shutter (optional) make this fan a long-lasting product, with **minimal maintenance requirements**.
The design of this product makes it the perfect solution for replacement and renovation projects, improving the ventilation system with minimum requirement of civil work.
The product is designed in Italy and produced in Italy and Malaysia.

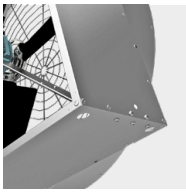
**RLC** Removable shutter (optional)



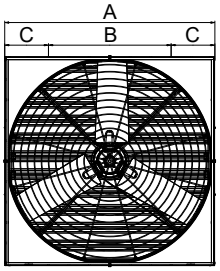
**NT** Safety net on air intake side (optional)

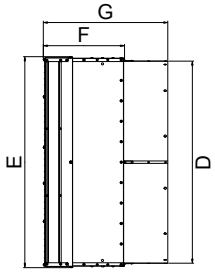


Security grid on nozzle



Bottom panel with practical water discharge holes




| Dimension | EOD 53v |
|---|---|
| Dimension - A - [mm] | 1395 |
| Dimension - B - [mm] | 814 |
| Dimension - C - [mm] | 290 |
| Dimension - D - [Ø mm] | 1341 |
| Dimension - E - [mm] | 1400 |
| Dimension - F - [mm] | 539 |
| Dimension - G - [mm] | 826 |

**EOD 53v**

| Model | Voltage* | Frequency | Propeller rotation speed (0 Pa - 0 $inH_2O$ | Air flow 0 Pa | 25 Pa | 50 Pa | 75 Pa | 100 Pa | Absorbed power (0 Pa - 0 $inH_2O$) | Specific power input (0 Pa - 0 $inH_2O$) | Ventilating Efficiency Ratio (0 Pa - 0 $inH_2O$) | Ventilating Efficiency Ratio (25 Pa - 0.10 $inH_2O$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 $inH_2O$ | 0.10 $inH_2O$ | 0.20 $inH_2O$ | 0.30 $inH_2O$ | 0.40 $inH_2O$ | | | | |
| EOD 53v | Δ 220-240 V Y 380-420 V | 50 Hz | 725 RPM | 23.800 cfm | 20.800 cfm | 17.200 cfm | 13.200 cfm | -- cfm | 1140 W | 28,2 W/(1000m³/h) | 20,9 cfm/W | 17,2 cfm/W |
| | | | | 40.400 m³/h | 35.300 m³/h | 29.300 m³/h | 22.400 m³/h | -- m³/h | | | | |
| | Δ 220-270 V Y 380-460 V | 60 Hz | 885 RPM | 23.700 cfm | 20.950 cfm | 18.100 cfm | 15.100 cfm | 11.900 cfm | 1210 W | 29,9 W/(1000m³/h) | 19,7 cfm/W | 16,2 cfm/W |
| | | | | 40.300 m³/h | 35.500 m³/h | 30.700 m³/h | 25.700 m³/h | 20.300 m³/h | | | | |

Tested according to ANSI/AMCA 210-07 ANSI/ANSHRAE 51-07 complying with ASABE/S565 OCT 2005.
*Different voltage and speed regulable motors over transformers are available on request.
**Note:** All fans tested with shutter and net.

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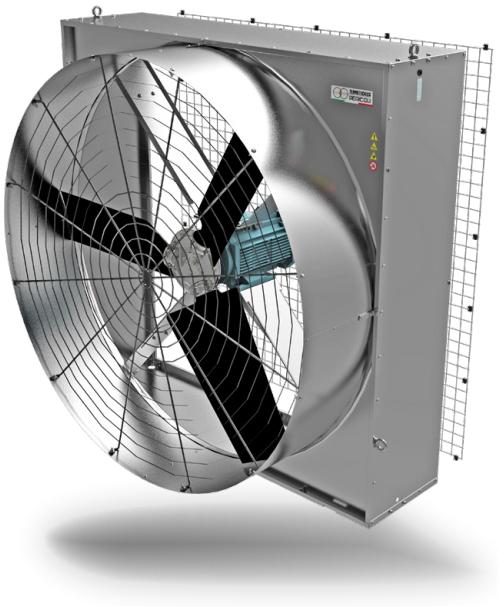
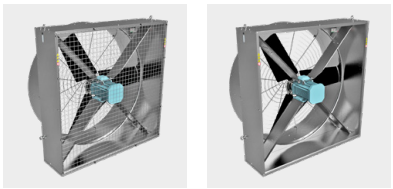
# EOD 53 R

ErP Compliant 2026

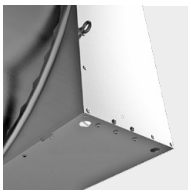
**Suspended air circulation fan**



**EOD53R** is an air circulation fan specifically designed for high airflow capacity.
Available in 53'', its main features are great efficiency and low maintenance costs. The fan housing is available in galvanized steel for maximum corrosion resistance. The direct-drive design make this fan a long-lasting product, with minimal maintenance requirements.
The product is designed in Italy and produced in Italy and Malaysia.

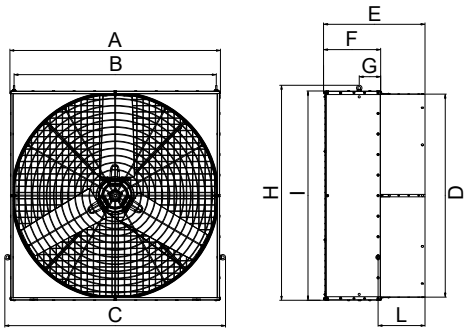


**NT** Safety net on air intake side (optional)



Bottom panel with practical water discharge holes

4 practical eyebolts for suspended installation




| Dimension | EOD 53R |
|---|---|
| Dimension - A - [mm] | 1391 |
| Dimension - B - [mm] | 1336 |
| Dimension - C - [mm] | 1458 |
| Dimension - D - [Ø mm] | 1341 |
| Dimension - E - [mm] | 670 |
| Dimension - F - [mm] | 377 |
| Dimension - G - [mm] | 141 |
| Dimension - H - [mm] | 1420 |
| Dimension - I - [mm] | 1383 |
| Dimension - L - [mm] | 310 |

**EOD 53R - AMCA 230-15**

| Model | Voltage** | Frequency | Thrust | Propeller rotation speed | Absorbed power | Thrust efficiency ratio | Air flow | Air flow* | Specific power input | Efficacy |
|---|---|---|---|---|---|---|---|---|---|---|
| EOD 53R | Δ 220-240 V<br>Y 380-420 V | 50 Hz | 25,9 lbf | 720 RPM | 1,184 kW | 21,9 lbf/kW | 24.300 ccfm | 34.400 ccfm | 28,6 W/(1000 m³/h) | 20,55 ccfm/W |
| | | | 11,7 kgf | | | 9,9 kgf/kW | 41.300 m³/h | 58.400 m³/h | | |
| | Δ 220-270 V<br>Y 380-460 V | 60 Hz | 25,6 lbf | 860 RPM | 1,260 kW | 20,4 lbf/kW | 24.200 ccfm | 34.200 ccfm | 30,6 W/(1000 m³/h) | 19,2 ccfm/W |
| | | | 11,6 kgf | | | 9,2 kgf/kW | 41.100 m³/h | 58.200 m³/h | | |

*Using ANSI/AMCA Standard 230-99 method.
**Different voltage and speed regulable motors over transformers are available on request.
**Note:** tested with two safety nets.

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# **Main** features

## Efficiency and Low Maintenance

The EOD features a **direct-drive propeller**, which significantly reduces the need for maintenance.
This ensures a **longer lifespan** and it maximizes efficiency, allowing farm operators to focus on what they do best – look after the production.
Removing the belt and pulleys means having fewer movable parts to wear out, translating into **lower maintenance costs** and reduced downtime.

## Reliable Motor Performance

The heart of the EOD is a reliable and efficient **AC IE3 motor**, chosen for its performance and reliability.
This motor can be **easily controlled** by a variable frequency (VF) drive, offering the possibility to upgrade the standard on/off ventilation system to a variable speed system. This feature ensures optimal environmental conditions while contributing to **energy savings**, aligning with the industry's push towards sustainable practices.

## Seamless Integration with Existing Systems

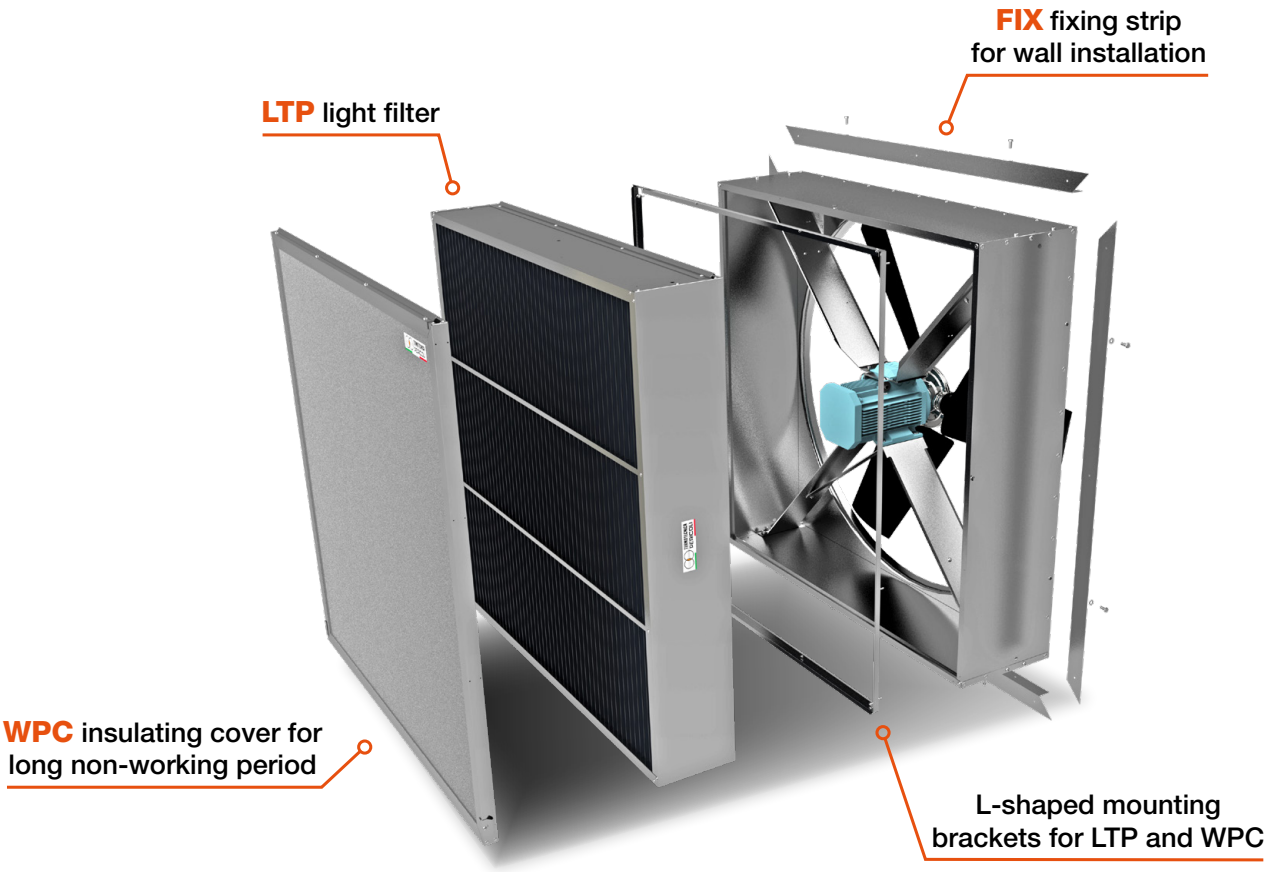
As we know the varied setups of poultry housing, the EOD is crafted with versatility in mind.
Its size is **suitable to replace existing cone fans** or box fans, providing a effortless upgrade path for farms looking to enhance their existing ventilation systems without having to bear the cost of extensive civil works.
This adaptability makes the EOD an ideal choice for new projects and retrofits.

## Designed for Performance Under Pressure

Designed to excel under **middle-high levels of negative pressure**, the EOD ensures consistent airflow and ventilation efficiency.
This capability is crucial for maintaining air quality and temperature control within the environment directly impacting health and productivity.
Farmers can trust the EOD to deliver reliable performance even in challenging conditions.

# Accessories

For the **EOD** as exhaust fan, we have a wide range of accessories useful for various fields of application and uses:




microcomputer modules

**TPR** magnetothermic swich

**TPU** motorstarter

## Consumer Information Notice

Our company is committed to producing high-quality and efficient products. We are pleased to inform our customers that our **EOD fan complies with the ERP 2026** regulation, which applies exclusively to countries within the European Union. The ERP (Energy-Related Products) directive aims to enhance energy efficiency, reduce environmental impact, and lower carbon emissions across various sectors. It sets specific standards for products like our agricultural, livestock, and industrial fans to minimize energy consumption and promote sustainability.
By adhering to these guidelines, our EOD product helps reduce energy costs, supports eco-friendly practices, and contributes to a greener future in the EU.

ErP Compliant 2026

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