## **73air** Calculation tool for ErP-compliant AHUs



One-click overview of ErP-compliant energy recovery. For clever decisions.



## 73air. One-click overview for clever decisions.

Don't waste your time calculating the complex ratio of high efficiency and low pressure drop. Complying with the Ecodesign Directive has never been easier.

Simply set the base parameters in our CASER program and let the 73air calculation mode work its magic for you. 73air immediately gives you a list of all ErP-compliant heat recovery systems and the "pressure reserve" shows the scope for design.

This allows you to make important decisions at the very start of the design process:

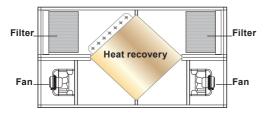
- Can I make the AHU smaller?
- Can I use cheaper filters with a higher pressure drop?
- Can I use cheaper fans with higher consumption?

Give yourself the very best start – with the 73air calculation mode in CASER!



### 73air. The simple answer to a complex calculation.

### The 5 elements of an ErP-compliant AHU...



The Ecodesign Directive ErP requires the calculation of a basic configuration consisting of

- energy recovery
- 2 filters and
- 2 fans

### ...require a complex calculation.

Energy recovery

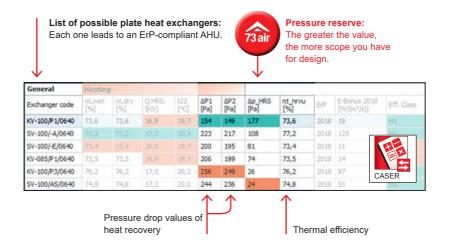
- × Fan<sup>2</sup>
- × Filter<sup>2</sup>
- = ErP-compliant??

The dynamic calculation algorithm considers pressure drops of

- energy recovery (EU 1253/2014)
- filters (Eurovent 4/21) and the
- system efficiencies of fans (EU 327/2011)

### 73air gives you a clear overview – with just one click

All you need to do is set the base parameters in our CASER software. The 73air mode will then list all ErP-compliant heat recovery systems – together with an indication of your scope for design.



## **73air.** 100% tested data in CASER

#### 73air is integrated in CASER

The 73air calculation tool is part of our CASER design program as well as the DLL application. Get CASER at

www.hoval-energyrecovery.com

# CASER

### Reliable data - 100% tested

You can rely on the results in CASER. All data is 100% tested in our test laboratory at TÜV Süd in Germany and approved by independent institutes.





### Ask for advice today!

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