

ErP specifikation

Obiekt

7-332-15 Stadion 07-12-2015

Oznaczenie centrali

GOLD RX 12 -

GOLD RX

Wielkość centrali

12

Nawiew

4000

m3/h

Wywiew

3600

m3/h

Checking against Commission Regulation (EU) No 1253/2014



The air handling unit meets the requirements in 2016

The air handling unit meets the requirements in 2018

Non-residential ventilation unit (exception: multi dwelling residential buildings)

Unit type: bidirectional ventilation unit; BVU

Other heat recovery (rotary heat exchanger)

Supply air dry temp. efficiency ratio (2016: 67 %, 2018: 73 %)

82.3

%

Nawiew:

Face velocity

1.64

m/s

Filter class (F7 or better)

F7

Reference filter; F7

79

Pa

HRS

194

Pa

Casing; inlet

1

Pa

Casing; outlet

1

Pa

Casing; fan system losses

0

Pa

(The fan system effect is included in the fan performances)

Overall static fan efficiency at the current working point

61.5

%

Wywiew:

Face velocity

1.48

m/s

Filter class (M5 or better)

F7

Reference filter; M5

38

Pa

HRS

166

Pa

Casing; inlet

1

Pa

Casing; outlet

1

Pa

Casing; fan system losses

0

Pa

(The fan system effect is included in the fan performances)

Overall static fan efficiency at the current working point

63.0

%

Efficiency bonus E 2016

460

W/(m³/s)

Efficiency bonus E 2018

280

W/(m³/s)

Filter correction F 2016

0

W/(m³/s)

Filter correction F 2018

0

W/(m³/s)

Internal specific fan power, SFPint

777

W/(m³/s)

Internal specific fan power, required 2016, SFPint_limit

1494

W/(m³/s)

Internal specific fan power, required 2018, SFPint_limit

1214

W/(m³/s)