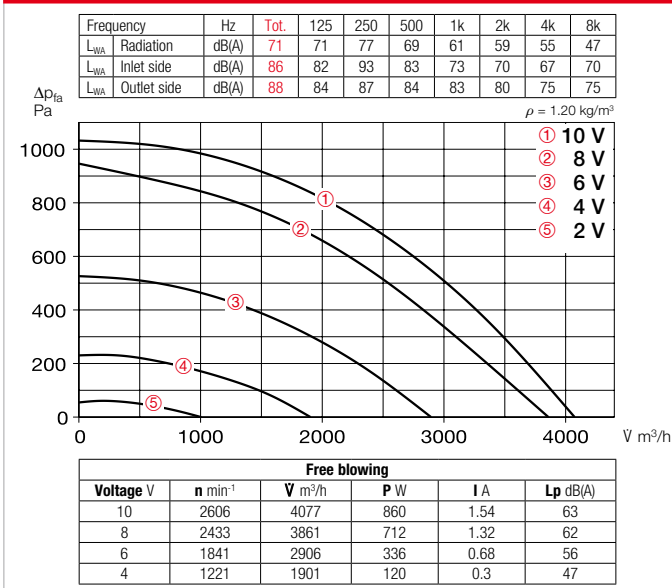


### Performance curves ALB EC 60/35 WW



#### Heat output WW element ①-③

These diagrams show the heat output depending on the flow/return/outside temp. over the air volume.

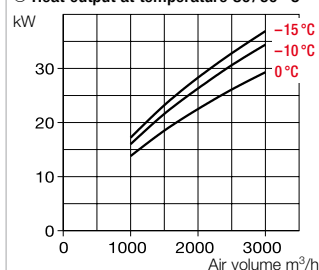
#### Water volume WW element ④

shows the water flow rate depending on the flow/return/outside temp. over the air volume.

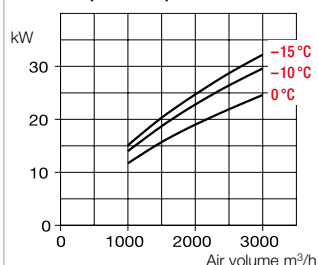
#### Pressure loss WW element ⑤

shows the water throughflow over water pressure loss kPa.

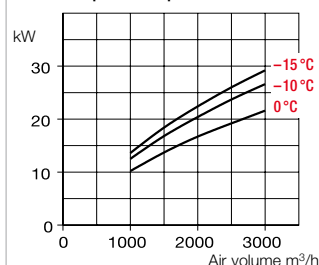
#### ① Heat output at temperature 80/60 °C



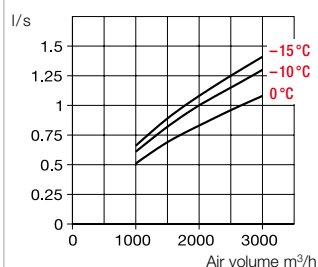
#### ② Heat output at temperature 70/50 °C



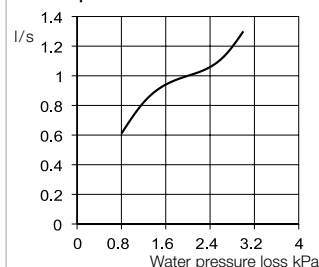
#### ③ Heat output at temperature 55/45 °C



#### ④ Water flow rate at 70/50 °C<sup>1)</sup>



#### ⑤ Water pressure loss at 70/50 °C<sup>1)</sup>



<sup>1)</sup> Correction factor for 80/50 °C: 1.16; for 55/45 °C: 1.81.

#### Reference

The integration of air filters  
ELF-ALB 60/35 F7  
(ISO ePM<sub>1</sub> 50% (F7)) in  
intake air systems fulfils the re-  
quirements of VDI 6022.

Reference	Page
Planning information	14 ff.

#### Other accessories

	Page
Silencers	494 ff.
Hydraulic unit details	492 ff.
Flexible ventilation ducts, ventilation grilles, fittings, shutters	561 ff.
Supply air disc valves	584 f.

#### Accessories

##### Hydraulic unit

WHSH HE 24 V (0-10V) No. 08318

For controlling the heat output of  
the warm water heating element  
in combination with room/duct  
sensors. Includes flow/return tem-  
perature display, pump, actuator,  
mixer valve, gravity brake, thermal  
cladding and flexible connection  
hoses.



##### Replacement and pollen filter

– ISO Coarse 90% (G4)

ELF-ALB 280/4/60/35 G4 No. 03649

– Filter class ISO ePM<sub>10</sub> 70% (M5)

ELF-ALB 280/4/60/35 M5 No. 03650

– Filter class ISO ePM<sub>1</sub> 50% (F7)

ELF-ALB 280/4/60/35 F7 No. 03654

Large cassette filter for long clean-  
ing intervals.

Unit = 3 pcs.



##### Room sensor – Air quality

AIR1/KWL-CO2 0-10V No. 20251

AIR1/KWL-FTF 0-10V No. 20252

For measuring the CO<sub>2</sub> concentration  
or relative room humidity. Maximum  
total of one sensor can be con-  
nected.

Dim. mm (W x H x D) 85 x 85 x 27



##### Room sensor – Temperature

TFR-ALB/KWL Ref. no. 07277

For measuring the room temperature  
and controlling the ventilation unit  
according to the setpoint.  
Incl. 20 m control line.

Dim. mm (W x H x D) 80 x 80 x 25



##### Connection cable

– 20 metres long

ALB EC-SK 20 Ref. no. 06816

– 40 metres long

ALB EC-SK 40 Ref. no. 06817

Attach between ALB and control  
element as well as between ALB  
and TFR-ALB/KWL.

##### Transition piece – Symmetrical

ALB-ÜS 280/4/60/35 No. 07516

From unit flange to round duct  
systems.

##### Flexible connecting sleeve

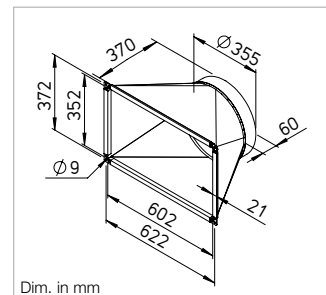
FM 355 Ref. no. 01675

For acoustic decoupling, incl. 2  
pcs. hose clamps.

##### Angle flange ring

FR 355 Ref. no. 01205

Made of galvanised steel sheet, for  
duct connection.



##### Duct shutter, motorised

RVM 355 Ref. no. 02579

Prevents cold draughts when the  
unit is at a standstill. Automatic  
function through fan operation,  
with mounted spring return motor.  
Installation in any position, closing  
force adjustable corresponding to  
fan power and installation position.

