

Project Structure

Project 1	
V = 925 x2 (1850)	1
V = 680 x2 (1360)	1
V = 650	1
V = 310	1
V = od 120 do 310 m3/h	1
V = 220	1
V = 140	1
V = 180	1
V = 120 , min 108	1
F782	1
F352 , V = 100	1
F781 V= 925	1

Product list

- Products
 - Air Diffusers
 - Swirl diffusers
 - Ceiling diffusers
 - Slot diffusers
 - Air grilles
 - Jet nozzles
 - Displacement flow diffusers
 - Nozzle tube diffusers
 - Air Water Systems
 - Filter
 - Five Dampers
 - Control units
 - Attenuators
 - Control systems
 - X CUBE compact

V = od 120 do 310 m3/h: Order code

F64 4 V 1 N 0 000 0 00

Product selection Drawing Order details

Input

Volume flow [m³/h]

V

250 (108...321)

Spacing/Distances [m]

A

2,00 (≥0,8)

H₁

1,20 (0,9...2,0)

X

2,00 (≥0,8)

B

2,00

L = H₁ + X = 3,20

☐ single row arrangement

Temperature difference [K]

Δt_z

-8,0 (-12,0...-4,0)

Results

V_{H1}

= 0,29 m/s

Δt_{H1}

= -0,3 K

V_L

= 0,18 m/s

Δt_L

= -0,2 K

Filter width

= 345 mm

Filter height

= 345 mm

Filter depth

= 150 mm

Application/Photo/Video



F640

Product photo

Acoustic results

Supply air			
Name	Value	Units	
▶ Δpt	17	Pa	
LWA	27	dB(A)	
LWNC	20		

Project Structure

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V = 650	1
V = 310	1
V = od 120 do 310 m3/h	1
V = 220	1
V = 140	1
V = 180	1
V = 120 , min 108	1
F782	1
F352 , V = 100	1
Position.16	1

Position.16: Order code

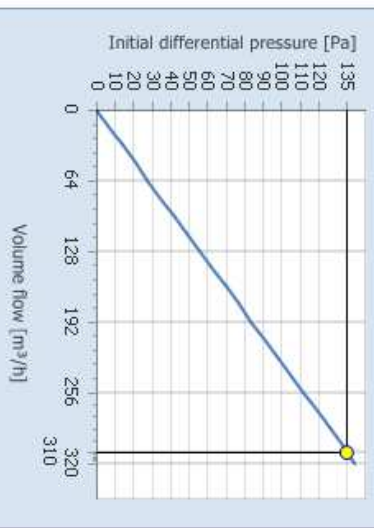
F782 W 75 0 0 120 0 0

Product selection Drawing Order details

Input V = 310 m³/h (0...321)



Initial differential pressure



Results

Width B	= 345	mm
Height H	= 345	mm
Depth T	= 150	mm
Weight	= 4,6	Kg
Initial pressure drop	= 135	Pa
Efficiency	= 99,995	%
Temperature max.	= 80,0	°C

Filter class: H14 according to EN 1822

- Product list
- > HEPA terminal filter units
 - > Pocket filters
 - > Minipleat filters
 - > Minipleat filter inserts
 - > Minipleat filter elements
 - > Minipleat filter cells
 - > Minipleat filter panels used as fin...
 - > Minipleat filter panels used as HE...
 - F780 (E11) panels
 - F781 (H13) panels
 - F782 (H14) panels**
 - > Minipleat filter panels for clean r...
 - > Minipleat filter panels in special d...
 - > Deep pleat filters
 - > Absorption filters
 - > Fire Dampers
 - > Control units
 - > Attenuation

Project Structure

- Project 1
 - V = 925 x2 (1850) 1
 - V = 680 x2 (1360) 1
 - V = 650 1**
 - V = 310 1
 - V = od 120 do 310 m3/h 1
 - V = 220 1
 - V = 140 1
 - V = 180 1
 - V = 120 , min 108 1
 - F782 1
 - F352 , V = 100 1
 - Position, 16 1

Product list

- HEPA terminal filter units
 - Pocket filters
- Minipleat filters
 - Minipleat filter inserts
 - Minipleat filter elements
 - Minipleat filter cells
 - Minipleat filter panels used as fin...
 - Minipleat filter panels used as HE...
 - F780 (E11) panels
 - F781 (H13) panels
 - F782 (H14) panels**
 - Minipleat filter panels for clean r...
 - Minipleat filter panels in special d...
 - Deep pleat filters
 - Absorption filters
 - Fire Dampers
 - Control units

V = 650: Order code

F64 8 V 1 K 0 000 0 00

Product selection

Drawing Order details

Input

Volume flow [m³/h]

V 650 (216...700)

Spacing/Distances [m]

A 6,00 (≥0,8)

H₁ 1,20 (0,9...2,0)

X 3,00 (≥1,2)

B 10,00

$L = H_1 + X = 4,20$

☐ single row arrangement

Temperature difference [K]

ΔT_z -8,0 (-12,0...-4,0)

Results

V_{H1} = <0,1 m/s

ΔT_{H1} = -0,2 K

V_L = 0,21 m/s

ΔT_L = -0,2 K

Filter width = 535 mm

Filter height = 535 mm

Filter depth = 150 mm

Application/Photo/Video







F640

Product photo

Acoustic results

Supply air		
Name	Value	Units
▶ Δpt	32	Pa
LWA	39	dB(A)
LWNC	33	

	V = 925 x2 (1850)	1
	V = 680 x2 (1360)	1
	V = 650	1
	V = 310	1
	V = od 120 do 310 m3/h	1
	V = 220	1
	V = 140	1
	V = 180	1
	V = 120 , min 108	1
	F782	1
	F352 , V = 100	1
	Position,16	1

Position, 16: Order code

F782 W 74 0 0 120 0 0

Product selection Drawing Order details

Input

V = 650 m³/h (0...871)

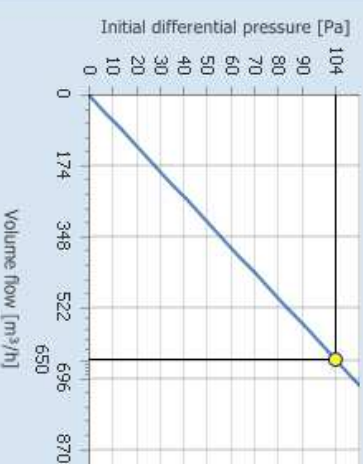
Application/Photo/Video



F782

Product photo

Initial differential pressure



Results

Width B	= 535	mm
Height H	= 535	mm
Depth T	= 150	mm
Weight	= 7,2	Kg
Initial pressure drop	= 104	Pa
Efficiency	= 99,995	%
Temperature max.	= 80,0	°C
Filter class: H14 according to EN 1822		

- > HEPA terminal filter units
- > Pocket filters
- > Minipleat filters
 - > Minipleat filter inserts
 - > Minipleat filter elements
 - > Minipleat filter cells
 - > Minipleat filter panels used as fn...
 - > Minipleat filter panels used as HE...
 - F780 (E11) panels
 - F781 (H13) panels
 - F782 (H14) panels**
 - > Minipleat filter panels for clean r...
 - > Minipleat filter panels in special d...
 - > Deep pleat filters
 - > Absorption filters
 - > Fire Dampers
 - > Control units
- > Accessories

Project Structure

Project 1

- V = 925 x2 (1850) 1
- V = 680 x2 (1360) 1
- V = 650 1
- V = 310 1
- V = od 120 do 310 m3/h 1
- V = 220 1
- V = 140 1
- V = 180 1
- V = 120 , min 108 1
- F782 1
- F352 , V = 100 1
- Position, 16 1

Product list

- > HEPA terminal filter units
- > Pocket filters
- > Minipleat filters
 - > Minipleat filter inserts
 - > Minipleat filter elements
 - > Minipleat filter cells
 - > Minipleat filter panels used as fin...
 - > Minipleat filter panels used as HE...
 - > F780 (E11) panels
 - > F781 (H13) panels
 - > **F782 (H14) panels**
 - > Minipleat filter panels for clean r...
 - > Minipleat filter panels in special d...
 - > Deep pleat filters
 - > Absorption filters
 - > Fire Dampers
 - > Control units
- > Attenuators

V = 680 x2 (1360) : Order code

F64 8 V 1 K 0 000 0 00

Product selection Drawing Order details

Input

Volume flow [m³/h]

V 680 (216...700)

Spacing/Distances [m]

A 6,00 (≥0,8)

H₁ 1,20 (0,9...2,0)

X 3,00 (≥1,2)

B 10,00

L = H₁ + X = 4,20

☐ single row arrangement

Temperature difference [K]

Δt_z -8,0 (-12,0...-4,0)

Results

V_{H1} = 0,11 m/s

Δt_{H1} = -0,2 K

V_L = 0,22 m/s

Δt_L = -0,2 K

Filter width = 535 mm

Filter height = 535 mm

Filter depth = 150 mm

Application/Photo/Video



F640

Product photo

Acoustic results

Supply air			
Name	Value	Units	
▶ Δpt	35	Pa	
LWA	41	dB(A)	
LWNC	34		

	V = 925 x2 (1850)	1
	V = 680 x2 (1360)	1
	V = 650	1
	V = 310	1
	V = od 120 do 310 m3/h	1
	V = 220	1
	V = 140	1
	V = 180	1
	V = 120 , min 108	1
	F782	1
	F352 , V = 100	1
	Position,16	1

Position, 16; Order code

Product selection Drawing Order details

Input

V = m³/h (0...871)

Application/Photo/Video

F782

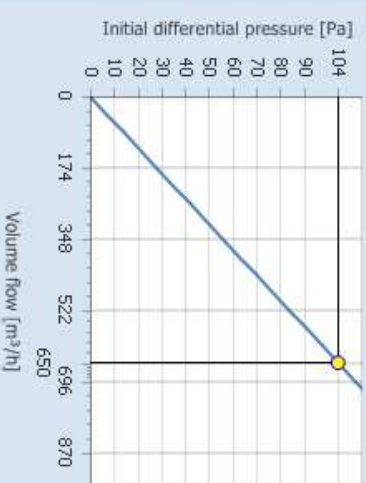
Product photo



Results

Width B	= 535	mm
Height H	= 535	mm
Depth T	= 150	mm
Weight	= 7,2	Kg
Initial pressure drop	= 104	Pa
Efficiency	= 99,995	%
Temperature max.	= 80,0	°C
Filter class: H14 according to EN 1822		

Initial differential pressure



 V = 925 x2 (1850)	1
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 Position. 16	1

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- > Deep pleat filters
- > Absorption filters
- > Fire Dampers
- > Control units

V = 925 x2 (1850); Order code

F64 8 G 1 F 0 000 0 00

Product selection Drawing Order details

Input

Volume flow [m³/h]

826 (97...826)

Spacing/Distances [m]

A

6,00 (≥0,8)

H₁

1,20 (0,9...2,0)

X

3,00 (≥1,25)

B

10,00

L = H₁ + X = 4,20

☐ single row arrangement

Temperature difference [K]

ΔT_z

-8,0 (-12,0...-4,0)

Results

V_{rt}

= 0,12 m/s

ΔT_{rt}

= -0,7 K

V_e

= 0,22 m/s

ΔT_e

= -0,7 K

Filter width

= 610 mm

Filter height

= 610 mm

Filter depth

= 150 mm

Application/Photo/Video



F640

Product photo

Acoustic results

Supply air		
Name	Value	Units
▶ Δpt	35	Pa
LWA	39	dB(A)
LWNC	32	

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F782	1
F352 , V = 100	1
Position,16	1

Product list

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 - > Deep pleat filters
 - > Absorption filters
 - > Fire Dampers
 - > Control units
- Accessories

Position,16: Order code

F782 W 38 0 0 120 0 0

Product selection

Drawing Order details

Input

V =

925 m³/h (0...1150)

Results

Width B	= 610	mm
Height H	= 610	mm
Depth T	= 150	mm
Weight	= 8,6	Kg
Initial pressure drop	= 112	Pa
Efficiency	= 99,995	%
Temperature max.	= 80,0	°C
Filter class: H14 according to EN 1822		

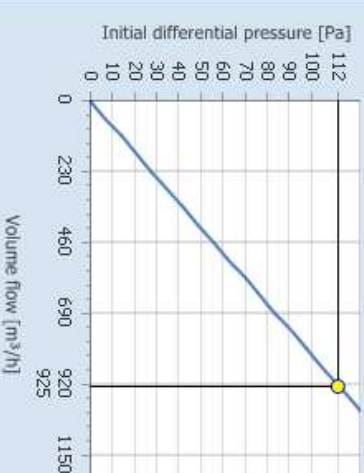
Application/Photo/Video



F782

Product photo

Initial differential pressure



Project Structure

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V = od 120 do 310 m³/h	1
V = 220	1
V = 140	1
V = 180	1
V = 120 , min 108	1
F782	1
F352, V = 100	1
Position, 16	1

Product list

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 - F780 (E11) panels
 - F781 (H13) panels
 - F782 (H14) panels**
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 - Minipleat filter panels in special d...
 - > Deep pleat filters
 - > Absorption filters
 - > Fire Dampers
 - > Control units
- > Airflow indicators

F352, V = 100 : Order code

F352

A01

00000000

Product selection

Drawing

Order details

Input

Type of filter

HEPA filter cells F770, F771

V =

100 m³/h (0...2660)

Application/Photo/Video



F352

Product photo

Results

Reset sorting

Code no.	Size [mm]			Nominal volume flow rate [m³/h]	Weight [kg]
	Width B	Height H	Depth T		
A01	405	378	405	460	16

	V = 925 x2 (1850)	1
	V = 680 x2 (1360)	1
	V = 650	1
	V = 310	1
	V = od 120 do 310 m3/h	1
	V = 220	1
	V = 140	1
	V = 180	1
	V = 120 , min 108	1
	F782	1
	F352 , V = 100	1
	Position. 16	1

F782: Order code

Product selection **Drawing** Order details

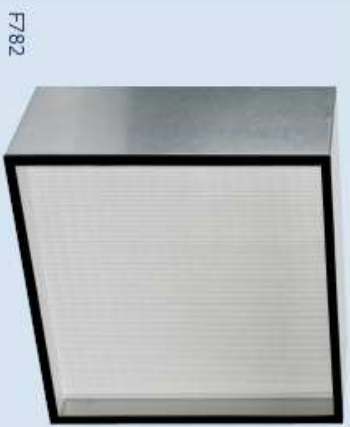
Input

V = m³/h (0...250)

Results

Width B	= 305	mm
Height H	= 305	mm
Depth T	= 150	mm
Weight	= 3,6	Kg
Initial pressure drop	= 56	Pa
Efficiency	= 99,995	%
Temperature max.	= 80,0	°C
Filter class: H14 according to EN 1822		

Application/Photo/Video



Product photo

Initial differential pressure

