

# DECLARATION OF PERFORMANCE

No: ZOV SK ----

1. Unique identification code of the product type: ZOV SK ----
2. Intended use/es: Provides decentralised ventilation with heat-recovery to an enclosed or partially enclosed building or space
3. Manufacturer: VELUX A/S, Ådalsvej 99, DK-2970 Hørsholm, [www.velux.com](http://www.velux.com)
5. Systems of assessment and verification of constancy of performance (AVCP): System 3
6. European Assessment Document: EAD 220019-00-0401, European Technical Assessment: ETA-16/0712, Technical Assessment Body: ETA-Danmark A/S, Notified body/ies: 1235, 0199<sup>1</sup>
7. Declared performance:

Essential characteristics	Performance	§	NB <sup>1</sup>				
Reaction to fire	class E	3.2	0402				
External fire performance of roofs	NPA	3.2	-				
Watertightness	9A	3.3	-				
Flow rate	<b>Flow rate* [m<sup>3</sup>/h]</b>						
	<b>Position</b>	<b>No filter</b>	<b>Filter class G2</b>	<b>Filter class G3</b>			
		m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h			
	<b>1</b>	13,5	12,0	11,0			
	<b>6</b>	24,0	21,5	20,0			
	<b>9</b>	33,5	30,0	27,5			
	<b>Ventilated room area** [m<sup>2</sup>]</b>						
	<b>1</b>	10,8	9,6	8,8			
	<b>6</b>	19,2	17,2	16,0			
	<b>9</b>	26,8	24,0	22,0			
* Mean value, supply and extract air flow (zero wind pressure)							
** 2.5 m room height - 0.5 air changes per hour							
Sound power	<b>Position</b>	<b>Sound power, A-weighted dB(A)</b>	<b>Sound pressure correction value dB</b>	<b>Sound pressure dB(A)</b>			
	<b>Q=4, S=2m</b>						
	<b>1</b>	31,4	11	20,4			
	<b>6</b>	42,0	11	24,5			
	<b>9</b>	49,1	11	25,6			
	<b>Q=2, S=1m</b>						
	<b>1</b>	31,4	8	23,4			
	<b>6</b>	42,0	8	27,5			
	<b>9</b>	49,1	8	28,6			
	Airborne sound insulation	44 (-1;-4) dB	3.5	0199			
Condensation	passed	3.6	1235				
Heat recovery efficiency	76 %	3.6	1235				
Energy consumption	<b>No filter</b>		<b>Filter class G2</b>		<b>Filter class G3</b>		
	<b>Position<sup>2</sup></b>	<b>W</b>	<b>W/(m<sup>3</sup>/h)</b>	<b>W</b>	<b>W/(m<sup>3</sup>/h)</b>	<b>W</b>	<b>W/(m<sup>3</sup>/h)</b>
	<b>1</b>	2	0,16	2	0,16	2	0,16
	<b>6</b>	4	0,12	4	0,14	4	0,18
	<b>9</b>	6	0,15	5	0,17	6	0,19

NPD: No performance determined, passed: passed

<sup>1</sup> Notified body/ies: <http://ec.europa.eu/growth/tools-databases/nando/>

<sup>2</sup> "Position" indicates the position of the control knob for the flow rate on the control panel

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.



Klaus Lorentzen, Vice President, Global Care & Cost  
Ådalsvej 99, DK 2970 – Hørsholm, 2017-01-01



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Provides decentralised ventilation with heat-recovery to an enclosed or partially enclosed building or space

European Assessment Document:  
EAD 220019-00-0401

Essential characteristics	Performance	§	NB <sup>1</sup>	
Reaction to fire	class E	3.2	0402	
External fire performance of roofs	NPA	3.2	-	
Watertightness	9A	3.3	-	
Flow rate	<b>Flow rate* [m<sup>3</sup>/h]</b>			
	<b>Position</b>	No filter m <sup>3</sup> /h	Filter class G2 m <sup>3</sup> /h	Filter class G3 m <sup>3</sup> /h
	<b>1</b>	13,5	12,0	11,0
	<b>6</b>	24,0	21,5	20,0
	<b>9</b>	33,5	30,0	27,5
	<b>Ventilated room area** [m<sup>2</sup>]</b>			
	<b>1</b>	10,8	9,6	8,8
	<b>6</b>	19,2	17,2	16,0
	<b>9</b>	26,8	24,0	22,0
	* Mean value, supply and extract air flow (zero wind pressure) ** 2.5 m room height - 0.5 air changes per hour			
Sound power	<b>Position</b>	<b>Sound power, A-weighted dB(A)</b>	<b>Sound pressure correction value dB</b>	<b>Sound pressure dB(A)</b>
	<b>Q=4, S=2m</b>			
	<b>1</b>	31,4	11	20,4
	<b>6</b>	42,0	11	24,5
	<b>9</b>	49,1	11	25,6
	<b>Q=2, S=1m</b>			
	<b>1</b>	31,4	8	23,4
	<b>6</b>	42,0	8	27,5
	<b>9</b>	49,1	8	28,6
	Airborne sound insulation	44 (-1;-4) dB	3.5	0199
Condensation	passed	3.6	1235	
Heat recovery efficiency	76 %	3.6	1235	
Energy consumption	<b>Energy</b>			
		No filter	Filter class G2	Filter class G3
	<b>Position<sup>2</sup></b>	W W/(m <sup>3</sup> /h)	W W/(m <sup>3</sup> /h)	W W/(m <sup>3</sup> /h)
	<b>1</b>	2 0,16	2 0,16	2 0,16
	<b>6</b>	4 0,12	4 0,14	4 0,18
<b>9</b>	6 0,15	5 0,17	6 0,19	

NPD: No performance determined, passed: passed

<sup>1</sup> Notified body/ies: <http://ec.europa.eu/growth/tools-databases/nando/>

<sup>2</sup> "Postion" indicates the position of the control knob for the flow rate on the control panel