



## Information according to Commission Regulation (EU) 327/2011 und 1253/2014

	AWN RV-A40 h G	AWN DV-A40 h G	AWN RV-A50 h G	AWN DV-A50 h G	AWN DV-A70 h G
<b>Commission regulation (EU) 327/2011</b>					
1. Overall efficiency ( $\eta$ )	62,5% (> 47,9%)	62,5% (> 47,9%)	66,7% (> 48,5%)	66,7% (> 48,5%)	62,6% (> 49,7%)
2. measurement category	A	A	A	A	A
3. efficiency category	static	static	static	static	static
4. efficiency grade at optimum energy efficiency point	76,6 (> 62)	76,6 (> 62)	80,2 (> 62)	80,2 (> 62)	74,9 (> 62)
5. variable speed drive	variable speed drive integrated				
6. year of manufacture	see label				
7. manufacturer's name	EBM Papst Mulfingen				
8. products model number	R3G310-RO38-A1	R3G310-RO38-A1	R3G400-RS03-H1	R3G400-RS03-H1	R3G500-RH32-21
9.1 rated motor power input at optimum energy efficiency	0,45 kW	0,45 kW	0,52 kW	0,52 kW	0,68 kW
9.2 rated flow rate at optimum energy efficiency	1805 m <sup>3</sup> /h	1805 m <sup>3</sup> /h	3200 m <sup>3</sup> /h	3200 m <sup>3</sup> /h	4580 m <sup>3</sup> /h
9.3 rated pressure at optimum energy efficiency	509 Pa	509 Pa	353 Pa	353 Pa	306 Pa
10. rotations per minute at optimum energy efficiency	2175 rpm	2175 rpm	1495 rpm	1495 rpm	1070 rpm
11. the 'specific ratio'	1,01	1,01	1,00	1,00	1,00
12. recycling					
13. installation, use, maintenance	see operating instructions				
14. additional items used determining the fan efficiency	none				
<b>Commission regulation (EU) 1253/2014 Annex 5 1.</b>					
a) manufacturer's name	ZLT Lüftungs- und Brandschutztechnik GmbH, Wilhermsdorfer Str. 28 D-09387 Jahnsdorf / Erzgebirge, HRB 13503 Amtsgericht Chemnitz				
b) manufacturer's model identifier	AWN RV-A40 h G	AWN DV-A40 h G	AWN RV-A50 h G	AWN DV-A50 h G	AWN DV-A70 h G
c) declared typology	non-residential ventilation unit (NRVU), unidirectional ventilation unit (UVU)				
d) type of drive	variable speed drive integrated				
e) type of heat recovery system	none				
f) thermal efficiency of heat recovery	not applicable				
g) nominal flow rate	0,472 m <sup>3</sup> /s	0,611 m <sup>3</sup> /s	0,722 m <sup>3</sup> /s	0,917 m <sup>3</sup> /s	1,333 m <sup>3</sup> /s
h) effective electric power input	0,260 kW	0,335 kW	0,365 kW	0,380 kW	0,600 kW
i) internal specific fan power SFP_int	166 W/[m <sup>3</sup> /s]	175 W/[m <sup>3</sup> /s]	112 W/[m <sup>3</sup> /s]	70 W/[m <sup>3</sup> /s]	89 W/[m <sup>3</sup> /s]
j) face velocity	3,78 m/s	1,72 m/s	1,77 m/s	1,85 m/s	2,69 m/s
k) nominal external pressure dps_ext	130 Pa	130 Pa	130 Pa	130 Pa	130 Pa
l) internal pressure drop of ventilation components dps_int	93 Pa	93 Pa	65 Pa	40 Pa	50 Pa
m) internal pressure drop of non-ventilation components dps_add	83 Pa	78 Pa	95 Pa	89 Pa	105 Pa
n) static efficiency of fans used in accordance with 327/2011	62,5 %	62,5 %	66,7 %	66,7 %	62,6 %
o) declared maximum external leakage rate	not applicable				
p) energy performance of the filters	38 kWh*	80 kWh*	65 kWh*	135 kWh*	200 kWh*
q) visual filter warning	Yellow permanent light in the control box indicates a soiled filter, filter needs to be changed, ventilation unit turns off; potential-free switch contact is additionally provided.  <b>Notice:</b> Regular filter changes are indispensable for an energy efficient performance of the unit. Dirty filters entail an large increase in the energy consumption.				
r) casing sound power level L_WA	61 dB(A)	72 dB(A)	60 dB(A)	69 dB(A)	71 dB(A)
s) internet address for disassembly instructions	<a href="http://www.zlt.de/">http://www.zlt.de/</a>				
complies with the requirement for the minimum fan efficiency according to 1253/2014	for 2018	for 2018	for 2018	for 2018	for 2018

\*at demand controlled ventilation