



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

	VCZ 0	VCZ 1	VCZ 2	VCZ 3	VCZ 4
Commission regulation (EU) 327/2011					
1. Overall efficiency (η)	< 125W	56,6% (> 43,1%)	65,9% (> 42,5%)	62,5% (> 47,9%)	66,7% (> 48,5%)
2. measurement category	no information	A	A	A	A
3. efficiency category	required	static	static	static	static
4. efficiency grade at optimum energy efficiency point		72,6 (> 62)	85,4 (> 62)	76,6 (> 62)	80,2 (> 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	R3G190-RC05-03	R3G220-RD53-03	R3G310-RB01-03	R3G310-RO38-A1	R3G400-RS03-H1
9.1 rated motor power input at optimum energy efficiency	0,083 kW	0,16 kW	0,14 kW	0,45 kW	0,52 kW
9.2 rated flow rate at optimum energy efficiency		805 m ³ /h	1355 m ³ /h	1805 m ³ /h	3200 m ³ /h
9.3 rated pressure at optimum energy efficiency		366 Pa	229 Pa	509 Pa	353 Pa
10. rotations per minute at optimum energy efficiency		3210 rpm	1520 rpm	2175 rpm	1495 rpm
11. the 'specific ratio'		1,00	1,00	1,01	1,00
12. recycling					
13. installation, use, maintenance		see operating instructions			
14. additional items used determining the fan efficiency		none			
Commission regulation (EU) 1253/2014 Annex 5 1.					
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	VCZ 0	VCZ 1	VCZ 2	VCZ 3	VCZ 4
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	0,147 m ³ /s	0,228 m ³ /s	0,417 m ³ /s	0,583 m ³ /s	0,972 m ³ /s
h) effective electric power input	0,071 kW	0,105 kW	0,154 kW	0,222 kW	0,350 kW
i) internal specific fan power SFP_int	218 W/[m ³ /s]	160 W/[m ³ /s]	142 W/[m ³ /s]	139 W/[m ³ /s]	141 W/[m ³ /s]
j) face velocity	1,60 m/s	2,08 m/s	2,04 m/s	4,67 m/s	2,38 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	71 Pa	80 Pa	69 Pa	77 Pa
m) internal pressure drop of non-ventilation components dps_add	0 Pa	0 Pa	0 Pa	0 Pa	0 Pa
n) static efficiency of fans used in accordance with 327/2011	not required	56,6 %	65,9 %	62,5 %	66,7 %
o) declared maximum external leakage rate	1,20 %	1,11 %	0,54 %	0,77 %	0,58 %
p) energy performance of the filters	not applicable				
q) visual filter warning	not applicable				
r) casing sound power level L_WA	52 dB(A)	53 dB(A)	51 dB(A)	53 dB(A)	56 dB(A)
s) internet address for disassembly instructions	http://www.zlt.de/				
complies with the requirement for the minimum fan efficiency according to 1253/2014	for 2018	for 2018	for 2018	for 2018	for 2018