

ERP INFORMATION

Owner's manual

MAXI MVD V5X



Model	Category
MVD-V5X252W/V2GN1 MVD-V5X280W/V2GN1 MVD-V5X335W/V2GN1	WZDK750-38G-4+ZL-700*202*20-3N (NIDEC) WZDK750-38G-4+ZL-700*202*20-3N (Panasonic)
MVD-V5X400W/V2GN1 MVD-V5X450W/V2GN1 MVD-V5X500W/V2GN1 MVD-V5X560W/V2GN1 MVD-V5X615W/V2GN1	WZDK750-38G-4+ZL-600*200*20-3N (Panasonic) WZDK750-38G-4+ZL-600*200*20-3N (Welling) WZDK750-38G-4+ZL-600*200*20-3N (Panasonic) WZDK750-38G-4+ZL-600*200*20-3N (NIDEC)

CONTENTS

- 1. WZDK750-38G-4+ZL-700*202*20-3N (NIDEC)4
- 2. WZDK750-38G-4+ZL-700*202*20-3N (Panasonic)5
- 3. WZDK750-38G-4+ZL-600*200*20-4N (NIDEC)6
- 4. WZDK750-38G-4+ZL-600*200*20-4N (Panasonic)7
- 5. WZDK750-38G-4+ZL-600*200*20-3N (NIDEC)8
- 6. WZDK750-38G-4+ZL-600*200*20-3N (Panasonic)9

ErP Information

Fan Types	Axial fan		
Directive (or Standard) for Regulation	ErP Directive 2009/125/EC COMMISSION REGULATION (EU) No 327/2011		
Model Name	WZDK750-38G-4+ZL-700*202*20-3N	Rev.	
Prepare by			

Specified Information of Fan:

No.	Information Item	Comment
1	$\eta_{\text{target}} =$	32.3%
2	Overall efficiency (η_e) =	35.2%
3	Pass or not (Criteria: $\eta_e \geq \eta_{\text{target}}$)	Pass
4	Measurement category (A-D)	A
5	Efficiency category (static or total)	Static
6	Efficiency grade at optimum energy efficiency point	N = 42.9
7	VSD is integrated within the fan	YES
8	Year of Manufacture	Ref. to the Unit Nameplate
9	Manufacturer's name and place of manufacture	Ref. to the Unit Nameplate
10.1	Rated motor power input(s) (kW), at optimum energy efficiency	0.620 kW
10.2	Rated motor flow rate(s) at optimum energy efficiency	2.462 m ³ /s
10.3	Rated motor pressure(s) at optimum energy efficiency	80 Pa
11	Rotations per minute (R.P.M)at the optimum energy efficiency point	850r/min
12	Specific ratio	1.001
13	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	all materials can be recycled
14	Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	For installation, the clearance of 500 mm shall be kept from inlet
15	Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.	Measurement category A, fan is free inlet and outlet conditions
16	Motor manufacturer	NIDEC SHIBAURA(ZHEJIANG) CORP.

ErP Information

Fan Types	Axial fan		
Directive (or Standard) for Regulation	ErP Directive 2009/125/EC COMMISSION REGULATION (EU) No 327/2011		
Model Name	WZDK750-38G-4+ZL-700*202*20-3N	Rev.	
Prepare by			

Specified Information of Fan:

No.	Information Item	Comment
1	$\eta_{\text{target}} =$	32.4%
2	Overall efficiency (η_e) =	34.1%
3	Pass or not (Criteria: $\eta_e \geq \eta_{\text{target}}$)	Pass
4	Measurement category (A-D)	A
5	Efficiency category (static or total)	Static
6	Efficiency grade at optimum energy efficiency point	N = 41.7
7	VSD is integrated within the fan	YES
8	Year of Manufacture	Ref. to the Unit Nameplate
9	Manufacturer's name and place of manufacture	Ref. to the Unit Nameplate
10.1	Rated motor power input(s) (kW), at optimum energy efficiency	0.638 kW
10.2	Rated motor flow rate(s) at optimum energy efficiency	2.449 m ³ /s
10.3	Rated motor pressure(s) at optimum energy efficiency	80 Pa
11	Rotations per minute (R.P.M)at the optimum energy efficiency point	850r/min
12	Specific ratio	1.001
13	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	all materials can be recycled
14	Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	For installation, the clearance of 500 mm shall be kept from inlet
15	Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.	Measurement category A, fan is free inlet and outlet conditions
16	Motor manufacturer	Panasonic Appliances Motor (HangZhou)Co.,Ltd

ErP Information

Fan Types	Axial fan		
Directive (or Standard) for Regulation	ErP Directive 2009/125/EC COMMISSION REGULATION (EU) No 327/2011		
Model Name	WZDK750-38G-4+ZL-600*200*20-4N	Rev.	
Prepare by			

Specified Information of Fan:

No.	Information Item	Comment
1	$\eta_{\text{target}} =$	31.1%
2	Overall efficiency (η_e) =	35.2%
3	Pass or not (Criteria: $\eta_e \geq \eta_{\text{target}}$)	Pass
4	Measurement category (A-D)	A
5	Efficiency category (static or total)	Static
6	Efficiency grade at optimum energy efficiency point	N = 44.1
7	VSD is integrated within the fan	YES
8	Year of Manufacture	Ref. to the Unit Nameplate
9	Manufacturer's name and place of manufacture	Ref. to the Unit Nameplate
10.1	Rated motor power input(s) (kW), at optimum energy efficiency	0.391 kW
10.2	Rated motor flow rate(s) at optimum energy efficiency	1.624 m ³ /s
10.3	Rated motor pressure(s) at optimum energy efficiency	76 Pa
11	Rotations per minute (R.P.M)at the optimum energy efficiency point	850r/min
12	Specific ratio	1.001
13	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	all materials can be recycled
14	Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	For installation, the clearance of 500 mm shall be kept from inlet
15	Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.	Measurement category A, fan is free inlet and outlet conditions
16	Motor manufacturer	NIDEC SHIBAURA(ZHEJIANG) CORP.

ErP Information

Fan Types	Axial fan		
Directive (or Standard) for Regulation	ErP Directive 2009/125/EC COMMISSION REGULATION (EU) No 327/2011		
Model Name	WZDK750-38G-4+ZL-600*200*20-4N	Rev.	
Prepare by			

Specified Information of Fan:

No.	Information Item	Comment
1	$\eta_{\text{target}} =$	31.1%
2	Overall efficiency (η_e) =	35.2%
3	Pass or not (Criteria: $\eta_e \geq \eta_{\text{target}}$)	Pass
4	Measurement category (A-D)	A
5	Efficiency category (static or total)	Static
6	Efficiency grade at optimum energy efficiency point	N = 44.1
7	VSD is integrated within the fan	YES
8	Year of Manufacture	Ref. to the Unit Nameplate
9	Manufacturer's name and place of manufacture	Ref. to the Unit Nameplate
10.1	Rated motor power input(s) (kW), at optimum energy efficiency	0.386 kW
10.2	Rated motor flow rate(s) at optimum energy efficiency	1.731 m ³ /s
10.3	Rated motor pressure(s) at optimum energy efficiency	70 Pa
11	Rotations per minute (R.P.M)at the optimum energy efficiency point	850r/min
12	Specific ratio	1.001
13	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	all materials can be recycled
14	Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	For installation, the clearance of 500 mm shall be kept from inlet
15	Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.	Measurement category A, fan is free inlet and outlet conditions
16	Motor manufacturer	Panasonic Appliances Motor (HangZhou)Co.,Ltd

ErP Information

Fan Types	Axial fan		
Directive (or Standard) for Regulation	ErP Directive 2009/125/EC COMMISSION REGULATION (EU) No 327/2011		
Model Name	WZDK750-38G-4+ZL-600*200*20-3N	Rev.	
Prepare by			

Specified Information of Fan:

No.	Information Item	Comment
1	$\eta_{\text{target}} =$	30.5%
2	Overall efficiency (η_e) =	35.3%
3	Pass or not (Criteria: $\eta_e \geq \eta_{\text{target}}$)	Pass
4	Measurement category (A-D)	A
5	Efficiency category (static or total)	Static
6	Efficiency grade at optimum energy efficiency point	N = 44.8
7	VSD is integrated within the fan	YES
8	Year of Manufacture	Ref. to the Unit Nameplate
9	Manufacturer's name and place of manufacture	Ref. to the Unit Nameplate
10.1	Rated motor power input(s) (kW), at optimum energy efficiency	0.319 kW
10.2	Rated motor flow rate(s) at optimum energy efficiency	1.658 m ³ /s
10.3	Rated motor pressure(s) at optimum energy efficiency	61 Pa
11	Rotations per minute (R.P.M)at the optimum energy efficiency point	850r/min
12	Specific ratio	1.001
13	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	all materials can be recycled
14	Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	For installation, the clearance of 500 mm shall be kept from inlet
15	Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.	Measurement category A, fan is free inlet and outlet conditions
16	Motor manufacturer	NIDEC SHIBAURA(ZHEJIANG) CORP.

ErP Information

Fan Types	Axial fan		
Directive (or Standard) for Regulation	ErP Directive 2009/125/EC COMMISSION REGULATION (EU) No 327/2011		
Model Name	WZDK750-38G-4+ZL-600*200*20-3N	Rev.	
Prepare by			

Specified Information of Fan:

No.	Information Item	Comment
1	$\eta_{\text{target}} =$	30.6%
2	Overall efficiency (η_e) =	35.4%
3	Pass or not (Criteria: $\eta_e \geq \eta_{\text{target}}$)	Pass
4	Measurement category (A-D)	A
5	Efficiency category (static or total)	Static
6	Efficiency grade at optimum energy efficiency point	N = 44.9
7	VSD is integrated within the fan	YES
8	Year of Manufacture	Ref. to the Unit Nameplate
9	Manufacturer's name and place of manufacture	Ref. to the Unit Nameplate
10.1	Rated motor power input(s) (kW), at optimum energy efficiency	0.322 kW
10.2	Rated motor flow rate(s) at optimum energy efficiency	1.691 m ³ /s
10.3	Rated motor pressure(s) at optimum energy efficiency	60 Pa
11	Rotations per minute (R.P.M)at the optimum energy efficiency point	850r/min
12	Specific ratio	1.001
13	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	all materials can be recycled
14	Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	For installation, the clearance of 500 mm shall be kept from inlet
15	Description of additional items used when determining the fan energy efficiency, such as ducts, that are not described in the measurement category and not supplied with the fan.	Measurement category A, fan is free inlet and outlet conditions
16	Motor manufacturer	Panasonic Appliances Motor (HangZhou)Co.,Ltd



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