

## THE CERTIFICATE OF COMPLIANCE VALIDATES AS FOLLOW:

In compliance with the Efectis Certification Rules: **DAP 21 REV. F - CERTIFICATION RULES FOR APPLICATION OUTSIDE THE EUROPEAN ECONOMIC AREA**, it was established that the fire protective construction product(s):

<b>Name of the manufacturer:</b>	<b>DYNFLOW MUHENDISLIK MAKINA SANAYI TICARET LIMITED SIRKETI</b>	<b>Name of the brand:</b>	<b>Axial Fans</b>
<b>Factory address/region:</b>	<b>PLANT - TURKEY</b>	<b>Model/N°:</b>	<b>DAX -S</b>

is submitted by the manufacturer to a factory production control, and that EFECTIS France has performed the initial type-testing for the relevant characteristics of this product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

This certificate attests that all provisions concerning the evaluation of the performance are applied, and that the product(s) fulfill(s) all the prescribed requirements set out above.

	<b>TEST REPORT</b>	<b>INSPECTION REPORT</b>	<b>CERTIFICATE OF COMPLIANCE</b>
<b>Number:</b>	<b>EEA-19-186 -189</b>	<b>EEA-20-000733</b>	<b>EFR-2102-0269_21-0</b>
<b>Date of issue:</b>	<b>October 10<sup>th</sup> 2019</b>	<b>October 16<sup>th</sup> 2020</b>	<b>March 29<sup>th</sup>, 2021</b>
<b>Date of 1<sup>st</sup> issue:</b>	-	-	-
<b>Expiry date:</b>	Valid as long as the product, the test standard and the production process are not modified	Valid up to the issuance of the surveillance inspection report (no later than the expiry date of the Certificate)	<b>September 29<sup>th</sup>, 2022</b>

## 1. DESCRIPTION OF THE PRODUCT

### 1. FANS

- Propeller made of aluminium alloy (ETIAL 140)
- Hub made of aluminium alloy (ETIAL 160)

Overall diameter (mm)	400	500	560	630	710	800	900	1000	1120	1250	1400	1600
Maximum rotation speed (min <sup>-1</sup> )	3000	3000	3000	3000	3000	3000	1500	1500	1500	1500	1500	1000
Hub diameter (mm)	150	150	250	350	350	350	400	400	400	400	400	400
Nominal length of blades (mm)	119.5	169.5	149.5	134	174	218.5	243	292	351.5	415	489	588
Maximum number of blades	10	10	14	12	6	6	9	9	9	9	9	9
Largest motor frame	90	112	132	160	160	160	160	200	225	225	250	250
Smallest motor frame	80	80	80	80	80	80	90	90	100	100	132	160
Power of the largest motor (kW)	2.2	4	7.5	18.5	18.5	18.5	15	30	45	45	55	45



## 6. NAME AND ADDRESS/REGION OF TEST FACILITIES

EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.  
Dilovası Organize Sanayi Bölgesi  
5.Kısım Fırat Cad. No:18 Dilovası  
Kocaeli - Turkey

## 7. PRODUCT APPLICATION GUIDE LINE (END USE)

- Installation in and out the smoke reservoir.
- The minimal tip clearance of impeller has to be adapted depending on the installation in or out.
- Non-heat insulated.
- Without air cooling duct.

Signed by delegation of the Technical Certification Director,

*The above certificate is valid only when the product is installed in accordance with the 'product application guideline' (End use). To verify the validity of the product, logon to our website [www.effectis.com](http://www.effectis.com) and type in the COMPLIANCE CERTIFICATE NUMBER.*

Yannick LE TALLEC  
Certification Director



## THE CERTIFICATE OF COMPLIANCE VALIDATES AS FOLLOW:

In compliance with the Efectis Certification Rules: **DAP 21 REV. F - CERTIFICATION RULES FOR APPLICATION OUTSIDE THE EUROPEAN ECONOMIC AREA**, it was established that the fire protective construction product(s):

<b>Name of the manufacturer:</b>	<b>DYNFLOW MUHENDISLIK MAKINA SANAYI TICARET LIMITED SIRKETI</b>	<b>Name of the brand:</b>	<b>Radial Jet Fans</b>
<b>Factory address/region:</b>	<b>PLANT - TURKEY</b>	<b>Model/N°:</b>	<b>DRJ</b>

is submitted by the manufacturer to a factory production control, and that EFECTIS France has performed the initial type-testing for the relevant characteristics of this product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

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	<b>TEST REPORT</b>	<b>INSPECTION REPORT</b>	<b>CERTIFICATE OF COMPLIANCE</b>
<b>Number:</b>	<b>EEA-19-193-195</b>	<b>EEA-20-000733</b>	<b>EFR-2102-0270_21-0</b>
<b>Date of issue:</b>	<b>October 10<sup>th</sup> 2019</b>	<b>October 16<sup>th</sup> 2020</b>	<b>March 29<sup>th</sup>, 2021</b>
<b>Date of 1<sup>st</sup> issue:</b>	-	-	-
<b>Expiry date:</b>	Valid as long as the product, the test standard and the production process are not modified	Valid up to the issuance of the surveillance inspection report (no later than the expiry date of the Certificate)	September 29 <sup>th</sup> , 2022

## 1. DESCRIPTION OF THE PRODUCT

### 1.1. FANS

- Propeller made of mild steel
- Hub: cast steel (GC25)

	<b>DRJ-50</b>	<b>DRJ-100</b>
Maximum rotation speed (min <sup>-1</sup> )	1500	1500
Overall diameter (mm)	560	630
hub diameter (mm)	218	218
nominal length of blades (mm)	200.8	223.3
Maximum number of blades	7	7
Smallest motor frame	90S	90S
Largest motor frame	90L	90L
Power of the largest motor (kW)	1.2	2.2



## 6. NAME AND ADDRESS/REGION OF TEST FACILITIES

EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.  
Dilovası Organize Sanayi Bölgesi  
5.Kısım Fırat Cad. No:18 Dilovası  
Kocaeli - Turkey

## 7. PRODUCT APPLICATION GUIDE LINE (END USE)

- Installation in and out the smoke reservoir. The clearances between impeller and inlet cone and may have to be adapted depending on the installation in or out.
- Non-heat insulated.
- Without air cooling duct.

Signed by delegation of the Technical Certification Director,

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Yannick LE TALLEC  
Certification Director



ACCREDITATION  
N° 3-0540  
PORTER DISPONIBLE SUR  
WWW.COFRAC.FR

## THE CERTIFICATE OF COMPLIANCE VALIDATES AS FOLLOW:

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<b>Name of the manufacturer:</b>	<b>DYNFLOW MUHENDISLIK MAKINA SANAYI TICARET LIMITED SIRKETI</b>	<b>Name of the brand:</b>	<b>Radial Jet Fans</b>
<b>Factory address/region:</b>	<b>PLANT - TURKEY</b>	<b>Model/N°:</b>	<b>DRJ</b>

is submitted by the manufacturer to a factory production control, and that EFECTIS France has performed the initial type-testing for the relevant characteristics of this product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

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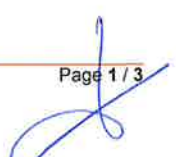
	<b>TEST REPORT</b>	<b>INSPECTION REPORT</b>	<b>CERTIFICATE OF COMPLIANCE</b>
<b>Number:</b>	<b>EEA-19-193-195</b>	<b>EEA-20-000733</b>	<b>EFR-2103-0273_21-0</b>
<b>Date of issue:</b>	<b>October 10<sup>th</sup> 2019</b>	<b>October 16<sup>th</sup> 2020</b>	<b>March 29<sup>th</sup>, 2021</b>
<b>Date of 1<sup>st</sup> issue:</b>	-	-	-
<b>Expiry date:</b>	Valid as long as the product, the test standard and the production process are not modified	Valid up to the issuance of the surveillance inspection report (no later than the expiry date of the Certificate)	<b>September 29<sup>th</sup>, 2022</b>

## 1. DESCRIPTION OF THE PRODUCT

### 1.1. FANS

- Propeller made of mild steel
- Hub: cast steel (GC25)

	<b>DRJ-50</b>	<b>DRJ-100</b>
Maximum rotation speed (min-1)	1500	1500
Overall diameter (mm)	560	630
Hub diameter (mm)	218	218
Nominal length of blades (mm)	200.8	223.3
Maximum number of blades	7	7
Smallest motor frame	90S	90S
Largest motor frame	90L	90L
Power of the largest motor (kW)	1.2	2.2



## 6. NAME AND ADDRESS/REGION OF TEST FACILITIES

EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.  
Dilovası Organize Sanayi Bölgesi  
5.Kısım Fırat Cad. No:18 Dilovası  
Kocaeli - Turkey

## 7. PRODUCT APPLICATION GUIDE LINE (END USE)

- Installation in and out the smoke reservoir. The clearances between impeller and inlet cone and may have to be adapted depending on the installation in or out.
- Non-heat insulated.
- Without air cooling duct.

Signed by delegation of the Technical Certification Director,

  
Yannick LE TALLEC  
Certification Director

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ACCREDITATION  
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PORTÉE DISPONIBLE SUR  
[WWW.COFRAC.FR](http://WWW.COFRAC.FR)

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<b>Name of the manufacturer:</b>	<b>DYNFLOW MUHENDISLIK MAKINA SANAYI TICARET LIMITED SIRKETI</b>	<b>Name of the brand:</b>	<b>Axial Jet Fans</b>
<b>Factory address/region:</b>	<b>PLANT - TURKEY</b>	<b>Model/N°:</b>	<b>DAX -J; DAX-JR</b>

is submitted by the manufacturer to a factory production control, and that EFECTIS France has performed the initial type-testing for the relevant characteristics of this product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

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	<b>TEST REPORT</b>	<b>INSPECTION REPORT</b>	<b>CERTIFICATE OF COMPLIANCE</b>
<b>Number:</b>	EEA-19-190-192	EEA-20-000733	<b>EFR-2103-0271_21-0</b>
<b>Date of issue:</b>	October 10 <sup>th</sup> 2019	October 16 <sup>th</sup> 2020	March 29 <sup>th</sup> , 2021
<b>Date of 1<sup>st</sup> issue:</b>	-	-	-
<b>Expiry date:</b>	Valid as long as the product, the test standard and the production process are not modified	Valid up to the issuance of the surveillance inspection report (no later than the expiry date of the Certificate)	September 29 <sup>th</sup> , 2022

## 1. DESCRIPTION OF THE PRODUCT

### 1.1. FANS

- Propeller made of aluminium alloy (ETIAL 140)
- Hub made of aluminium alloy (ETIAL 160)

	DAX-J-400-50	DAX-J-400-85	DAX-JR-400-50	DAX-JR-400-75
Overall diameter (mm)	400	400	400	400
Maximum rotation speed (min <sup>-1</sup> )	3000	3000	3000	3000
hub diameter (mm)	150	150	150	150
nominal length of blades (mm)	119.5	119.5	119.5	119.5
Maximum number of blades	5	5	5	10

### 1.2. MOTORS

- WEG -W22 TE1BF0Y0X
- Three phases: 400 V, 50Hz
- Insulation class: H
- Protection index: IP55
- Thermal class: F



**6. NAME AND ADDRESS/REGION OF TEST FACILITIES**

EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.  
Dilovası Organize Sanayi Bölgesi  
5.Kısım Fırat Cad. No:18 Dilovası  
Kocaeli - Turkey

**7. PRODUCT APPLICATION GUIDE LINE (END USE)**

- Installation in and out the smoke reservoir. The minimal tip clearance of impeller has to be adapted depending on the installation in or out.
- Non-heat insulated
- Without air cooling duct

**Approved accessories:**

Silencer: with flange and deflector in galvanized steel (e = 0.8mm) - dimensions: 405/477.6 x 860 mm (Ø x l).

Signed by delegation of the Technical Certification Director,

Yannick LE TALLEC  
Certification Director

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<b>Factory address/region:</b>	<b>PLANT - TURKEY</b>	<b>Model/N°:</b>	<b>DAX -J; DAX-JR</b>

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<b>Number:</b>	<u>EEA-19-190-192</u>	<u>EEA-20-000733</u>	<u>EFR-2102-0268_21-0</u>
<b>Date of issue:</b>	<u>October 10<sup>th</sup> 2019</u>	<u>October 16<sup>th</sup> 2020</u>	<u>March 29<sup>th</sup>, 2021</u>
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## 1. DESCRIPTION OF THE PRODUCT

### 1.1. FANS

- Propeller made of aluminium alloy (ETIAL 140)
- Hub made of aluminium alloy (ETIAL 160)

	DAX-J-400-50	DAX-J-400-85	DAX-JR-400-50	DAX-JR-400-75
Overall diameter (mm)	400	400	400	400
Maximum rotation speed (min <sup>-1</sup> )	3000	3000	3000	3000
Hub diameter (mm)	150	150	150	150
Nominal length of blades (mm)	119.5	119.5	119.5	119.5
Maximum number of blades	5	5	5	10

### 1.2. MOTORS

- WEG -W22 TE1BF0Y0X
- Three phase: 400 V, 50Hz
- Insulation class: H
- Protection index: IP55
- Thermal class: F



## 6. NAME AND ADDRESS/REGION OF TEST FACILITIES

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Dilovası Organize Sanayi Bölgesi  
5.Kısım Fırat Cad. No:18 Dilovası  
Kocaeli - Turkey

## 7. PRODUCT APPLICATION GUIDE LINE (END USE)

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<b>Factory address/region:</b>	<b>PLANT - TURKEY</b>	<b>Model/N°:</b>	<b>DAX -S</b>

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<b>Number:</b>	<b>EEA-19-186-189</b>	<b>EEA-20-000733</b>	<b>EFR-2103-0272_21-0</b>
<b>Date of issue:</b>	<b>October 10<sup>th</sup> 2019</b>	<b>October 16<sup>th</sup> 2020</b>	<b>March 29<sup>th</sup>, 2021</b>
<b>Date of 1<sup>st</sup> issue:</b>	-	-	-
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### 1. FANS

- Propeller made of aluminium alloy (ETIAL 140)
- Hub made of aluminium alloy (ETIAL 160)

Overall diameter (mm)	400	500	560	630	710	800	900	1000	1120	1250	1400	1600
Maximum rotation speed (min <sup>-1</sup> )	3000	3000	3000	3000	3000	3000	1500	1500	1500	1500	1500	1000
Hub diameter (mm)	150	150	250	350	350	350	400	400	400	400	400	400
Nominal length of blades (mm)	119.5	169.5	149.5	134	174	218.5	243	292	351.5	415	489	588
Maximum number of blades	10	10	14	12	6	6	9	9	9	9	9	9
Largest motor frame	90	112	132	160	160	160	160	200	225	225	250	250
Smallest motor frame	80	80	80	80	80	80	90	90	100	100	132	160
Power of the largest motor (kW)	2.2	4	7.5	18.5	18.5	18.5	15	30	45	45	55	45



ACCREDITATION  
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**6. NAME AND ADDRESS/REGION OF TEST FACILITIES**

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Dilovası Organize Sanayi Bölgesi  
5.Kısım Fırat Cad. No:18 Dilovası  
Kocaeli - Turkey

**7. PRODUCT APPLICATION GUIDE LINE (END USE)**

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- Non-heat insulated.
- Without air cooling duct.

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Yannick LE TALLEC  
Certification Director



ACCREDITATION  
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CERTIFICATION  
DE PRODUITS  
ET SERVICES  
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