



EFFECTIS ERA AVRASYA

Fire Test Laboratory

**Accredited Body
No: AB-0556-T**



Test
TS EN ISO/IEC 17025
AB-0556-T

AB-0556-T

EEA-23-044

10-23

**CLASSIFICATION REPORT OF
POWERED SMOKE and HEAT EXHAUST AXIAL JET FAN
“VLF-TS/VLF-CP 400”**

EEA-23-044

VOLTVENT HAVALANDIRMA SİSTEMLERİ SANAYİ TİCARET LİMİTED ŞİRKETİ
Yeşilköy Mh. Atatürk Cd. EGS Business Park Blok No: 12 İç Kapı No: 1, Bakırköy, İstanbul/TÜRKİYE

This classification report consists of 3 pages and may only be used or reproduced in its entirety.

1. INTRODUCTION

This classification report defines the classification assigned to single compartment powered smoke and heat exhaust axial jet fan “VLF-TS/VLF-CP 400” in accordance with the procedures given in EN 13501-4:2016.

2. DETAILS OF ELEMENT

2.1. Type of function:

The product, powered smoke and heat exhaust axial jet fan – “VLF-TS/VLF-CP 400” is defined as a ‘component of a smoke control system’. Its function, alongside other components of the system is to control the movement of smoke and heat.

2.2. Description:

The product powered smoke and heat exhaust axial jet fan – “VLF-TS/VLF-CP 400” is fully described in the test report in support of this classification listed in Clause 3 of this classification report.

3. REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

The following test report is presented in support of this classification:

Name of laboratory	Name of sponsor	Unique ref. no.	F (min.)	Temp. (°C)
EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.	VOLTVENT HAVALANDIRMA SİSTEMLERİ SANAYİ TİCARET LİMİTED ŞİRKETİ	RFTR20130-REV	122	300°C

4. CLASSIFICATION

4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-4:2016.

4.2. Classification

The product, powered smoke and heat exhaust axial jet fan – “VLF-TS/VLF-CP 400” has been classified as:

Fire Resistance Classification
F₃₀₀ 60
F_{f300} 120



5. LIMITATIONS

5.1. Restrictions

This classification is only valid for tested type as long as related test version is updated.

5.2. Warning

This European Standard does not represent any type approval or certification of the product.

Report	Name	Signature	Date
Prepared by	Osman AYYILDIZ		10.10.2023
Review by	Ali BAYRAKTAR		10.10.2023



EFFECTIS ERA AVRASYA

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No: AB-0556-T**



Test
TS EN ISO/IEC 17025
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AB-0556-T

EEA-23-045

10-23

**CLASSIFICATION REPORT OF
POWERED SMOKE and HEAT EXHAUST AXIAL FAN
“VLF-TS/VLF-CP 1000”**

EEA-23-045

VOLTVENT HAVALANDIRMA SİSTEMLERİ SANAYİ TİCARET LİMİTED ŞİRKETİ

Yeşilköy Mh. Atatürk Cd. EGS Business Park Blok No: 12 İç Kapı No: 1, Bakırköy, İstanbul/TÜRKİYE

This classification report consists of 3 pages and may only be used or reproduced in its entirety.

1. INTRODUCTION

This classification report defines the classification assigned to single compartment powered smoke and heat exhaust axial fan “**VLF-TS/VLF-CP 1000**” in accordance with the procedures given in EN 13501-4:2016.

2. DETAILS OF ELEMENT

2.1. Type of function:

The product, powered smoke and heat exhaust axial fan – “**VLF-TS/VLF-CP 1000**” is defined as a ‘component of a smoke control system’. Its function, alongside other components of the system is to control the movement of smoke and heat. Its function, alongside other components of the system is to control the movement of smoke and heat. Classification of the product is valid for the following end use application:

EN 12101-3:2015 Smoke and heat control systems - Part 3: Specification for powered smoke and heat exhaust ventilators

2.2. Description:

The product powered smoke and heat exhaust axial fan – “**VLF-TS/VLF-CP 1000**” is fully described in the test report in support of this classification listed in Clause 3 of this classification report.

3. REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

The following test report is presented in support of this classification:

Name of laboratory	Name of sponsor	Unique ref. no.	F (min.)	Temp. (°C)
EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.	VOLTVENT HAVALANDIRMA SİSTEMLERİ SANAYİ TİCARET LİMİTED ŞİRKETİ.	RFTR20290-REV	122	300°C

4. CLASSIFICATION

4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-4:2016.

4.2. Classification

The product, powered smoke and heat exhaust axial fan – “**VLF-TS/VLF-CP 1000**” has been classified as:

Fire Resistance Classification
F₃₀₀ 60
F_{f300} 120



5. LIMITATIONS

5.1. Restrictions

This classification is only valid for tested type as long as related test version is updated.

5.2. Warning

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Report	Name	Signature	Date
Prepared by	Osman AYYILDIZ		10.10.2023
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