



**TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**  
**Technical and Test Institute for Construction Prague, SOE**

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**Notified Body 1020**

**Branch 0800 – Fire Safety of Construction**

# REPORT

**on the outcome of the assessment and verification of constancy  
of performance of the product**

according to the Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011  
(the Construction Products Regulation or CPR), Art. 1.2 of the Annex V (system 1)

**No. 080-022560**

Trade name:

**Powered smoke and heat exhaust ventilators**

Axial Jet Fans: JA-352-01, JA-352-02  
JA-402-02, JA-402-03

**Temperature time class: F300**

Manufacturer:

**ATC AIR TRADE CENTRE HAV. SIS. SAN. VE TIC. A.S.**

Seyrantepe Mah. Ibrahim Karaoglanoglu Cd. Alptekin Is Hani No: 101, K: 1,  
34418 Kagithane/ISTANBUL

Plant: ATC AIR TRADE CENTRE HAV. SIS. SAN. VE TIC. A.S.  
14, Cadde No:15 Pancar Sanayi Organize Bölgesi Torbali /  
Izmir / Turkey


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Stamp of the Notified Body 1020

Prague, April 15<sup>th</sup>, 2019



  
Ing. Jaromír Plocek  
Chief Assessor

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## 1. General

### 1.1 Information about the manufacturer

ATC AIR TRADE CENTRE HAV. SIS. SAN. VE TIC. A.S.

Address: Seyrantepe Mah. Ibrahim Karaoglanoglu Cd. Alptekin Is Hani No: 101, K: 1,  
34418 Kagithane/ISTANBUL

### 1.2 Information about the product and its intended use

Axial Jet Fans: JA-352-01, JA-352-02  
JA-402-02, JA-402-03

- uninsulated
- dual purpose
- smoke reservoir
- no ducted air cooling required
- downstream flow
- motor insulation: class H
- temperature rise at ambient: class F
- classification: F300 60 minutes, Unclassified (300 °C – 120 minutes)
- tested representatives: JA-352-01  
JA-402-03

Powered smoke and heat exhaust ventilators in accordance with  
EN 12101- 3:2015 for smoke and heat control in construction works.

### 1.3 List of documentation provided by the manufacturer to the assessment and verification of constancy of performance (AVCP)

- application for performance of activity of notified body – AVCP system 1
- data sheets
- documentation of the assessment of the FPC
- reports - see the chapter 2.2

### 1.4 List of the other documentation used during the product AVCP

- EN 13501-4:2016 Fire classification of construction products and building elements – Part 4: Classification using data from fire resistance tests on components of smoke control systems.
- Check list of the Initial inspection of factory and of FPC from March 1<sup>st</sup>, 2019
- Certificate of producer by ISO 9001:2015 No. 50040 from 11.2.2019 – aksert

### 1.5 Technical specification relating to the AVCP (as amended)

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

### 1.6 Information about previous AVCP

This is the first assessment and verification of constancy of performance of the product and of plant at ATC AIR TRADE CENTRE HAV. SIS. SAN. VE TIC. A.S., 14, Cadde No:15 Pancar Sanayi Organize Bölgesi Torbali / Izmir / Turkey



## 2 Product Assessment

### 2.1 Technical requirements

The following characteristics are assessed according to the EN 12101-3:2015:

- Effectiveness of smoke and hot gas extraction – Performance parameters under fire conditions
- Resistance to fire – Smoke leakage, Mechanical stability

### 2.2 List of the Test Reports:

- 1) Test report No. RFTR18092 from 28.9.2018 – EFECTIS ERA AVRASYA
- 2) Test report No. RFTR18093 from 28.9.2018 – EFECTIS ERA AVRASYA
- 3) Classification report No. EEA-18-056 from 28.9.2018 – EFECTIS ERA AVRASYA
- 4) Classification report No. EEA-18-057 from 28.9.2018 – EFECTIS ERA AVRASYA
- 5) Summary report No. EEA-18-081 from 25.9.2018 – EFECTIS ERA AVRASYA

### 2.3 Evaluation of the results of the product tests and assessment

Axial Jet Fans: JA-352-01, JA-352-02  
JA-402-02, JA-402-03

Product characteristic	Test Report	Test method	Test results	Required/declared level	Evaluation
1	2	3	4	5	6
Effectiveness of smoke and hot gas extraction - Keeping gas flow and pressure during smoke and heat extraction test	1, 2, In chapter 2.2	EN 12101-3:2015 Anex C	Static pressure difference 25+30 %	Static pressure difference +50/-20 %	conform
Resistance to fire	1, 2, In chapter 2.2	EN 12101-3:2015 Anex C	F300 60 minutes Unclassified (300 °C – 120 minutes)	F300 60 minutes	conform

## 3 Factory Production Control Assessment

The assessment was carried out March 1<sup>st</sup>, 2019 at factory ATC AIR TRADE CENTRE HAV. SIS. SAN. VE TIC. A.S., 14, Cadde No:15 Pancar Sanayi Organize Bölgesi Torbali / Izmir / Turkey

Results of this assesment are at Check list - see the chapter 1.4.

### 3.1 Requirement of the technical specification regarding Factory Production Control:

Requirements are laid down at EN 12101-3:2015

### 3.2 Evaluation of the Factory Production Control assessment results:

- Technical documentation of the manufacturer contains description of the FPC
- The FPC corresponds to the technical documentation and allows to achieve and maintain declared product performances.

## 4 Conclusion

- The sample of product fulfils the requirements of the technical specification.
- The FPC is in accordance with the harmonised technical specification and ensures that the declared performances are achieved.



- Findings and conclusions mentioned in this Report are valid providing the conditions under which FPC assessment was carried out remain unchanged (e.g. technical regulations, technical specifications, production technology, incoming raw and manufacturing equipment).
- In compliance with provision of the CPR Art. 1.2, Annex V Surveillance Reports containing FPC assessment and evaluation have to be complementary to the technical documentation.

