

شهادة اختبار

Certificate No	: MCL / 0922401G
Contractor Name	: شركة يونيفينت للصناعات الهندسية: (Univent For Industrial Engineering)
Sample Description	: BXV 560 2.2 KW/4 POLE (SMOKE AIR FAN INLINE)
Model	: BXV 560
KW	: 2.2 KW/4POL
Required Test	: Fire resistance test at 400 °C for two hours
Received Date	: 01/04/2024
Test Date	: 01/05/2024

Sample description:

- BXV 560 2.2 KW/4 POLE (SMOKE AIR FAN INLINE)

Technical specification used to conduct the test:

Test is guided only by NFPA technical specification in terms of measuring the temperature change with time and the maximum attained temperature after two hours.

Test Method:

The SMOKE AIR FAN INLINE was placed in front of a regular flame length and thickness of 5 cm and 60 cm .The unit is subjected to hot gas stream of temperature 400 ° C . The flame is contained inside a metal enclosure . The hot gases is following around the surface of the SMOKE AIR FAN INLINE. The distance between the flame and the surface of the SMOKE AIR FAN INLINE is changed until The temperature on the surface of the SMOKE AIR FAN INLINE was within 400 ° C.

The hot gases temperature was recorded every 15 minutes for two hours .

The temperatures during the test was varying between 380 C ° to 400 °C in the semi-enclosed space when the fan is placed .

Tested by

Osama Shabaan

Mr .Osama Shabaan
Lab Supervisor

Reviewed by

Sally Hammam

Eng Sally Hammam
Technical Manager



Page 1 of 2

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Test result:

- The SMOKE AIR FAN INLINE passed the test, according to the standard test specification No change in the shape or dimensions or material of the the unit fan is noticed .
- The temperature of air on fan surface was around 400°C while the fan is placed in semi-enclosed space for two hours.

Equipment's Used

MCL Standard Used		
Nomenclature	: Platinum Resistance Temperature sensor	Laser point model Haytek
P/N	: 5628 fluke	RAYST60XXEU
S/N	: 2221	2820480302-0083

NB:.

- This certificate was given to a sample provided at the client's request and without any responsibility on us.

Tested by

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