



DUCT VENTILATION AIR CONDITIONING Co. (W.L.L.)

Non Coated Fire Rated Ducts Catalogue



Non-Coated Fire Rated Ductwork - DVAC 120

Tested in accordance with BS 476: PART 24:1987



Non-Coated Fire Rated Ducts

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INTRODUCTION

DVAC 120 Fire Duct System is an innovative Non Coated Fire Rated Ductwork that has been designed by industry Leading Technical Experts.

DVAC 120 complies with BS 476: Part 24: 1987 and ISO 6944-1 (1985) and similar Standards For 2 Hours Stability and Integrity for Type A & Type B Ducts.

Applus Laboratories are accredited by ISO/ENC 17025 and ENACILAC (LE895) to test under various International Standards applicable to ISO, NFPA, UI, EN, BS, UNE, ASTM and IMO.

Approximately 85% of deaths in fire situations are caused by smoke inhalation. Non-fire resisting ductwork systems can be responsible for allowing the initial spread of fire between compartments and by allowing the rapid spread of smoke and decomposition products. The correct use of fire resistant ductwork will maintain fire compartmentation and assist in the safe dispersal of smoke and hazardous fumes.

DESCRIPTION

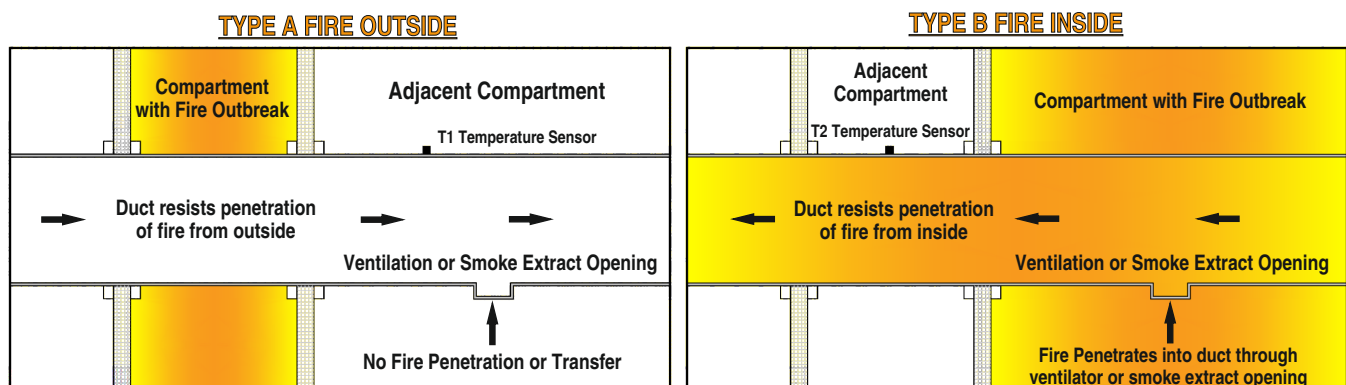
DVAC NON COATED FIRE RATED DUCTS COMPLY WITH LOCAL CONSTRUCTION STANDARDS AND CIVIL DEFENSE AUTHORITIES IN THE STATE OF QATAR.

A. DVAC 120 Non-Coated Fire Rated Duct System is tested and approved for:

1. Mechanical Ventilation System
2. Dual Ventilation
3. Smoke Extraction System
4. Car Park Extraction System
5. Pressurization Duct.

B. DVAC 120 Non-Coated Fire Rated Duct System Features:

1. All Ductworks are manufactured according to the pressure provided by Contractor.
2. **DVAC 120** Non-Coated Fire Rated Duct System is tested and certified as per BS 476: Part 24: 1987 for 2 Hour Stability and Integrity for Type A & Type B.
3. Tested & certified for Galvanized / Stainless Steel / Carbon Steel Rectangular, Circular and Oval Ducts.



* DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.

TEST RESULT STANDARD AND CRITERIA

The Duct Specimen has been subjected to the condition indicated in BS 476: PART 24 (ISO 6944)

A. Stability

DVAC 120 Fire Duct System Non-coated Fire Rated Ductwork conforms with the stability Test Standards.

All the support system remained intact and fulfilled the requirements for 2 hrs for both **Type A & Type B** Ducts.

B. Integrity

DVAC 120 Non-Coated Fire Rated Ductwork System when subjected to integrity test according to **BS476: Part 24 (ISO 6944) for 2 hours**, it did not show any presence or formation of cracks, holes or any other opening outside the furnace, through which fumes or hot gasses can pass. There were no ignition of cotton pads or appearance of any sustained flaming on the unexposed surface of the duct specimens.

DVAC 120 BENEFITS

1. Speed

Removing the need for a multi-process coating means that the manufacturing 'turnaround' for **DVAC 120** ductwork can be quick and meet customers' expectations; especially for any urgent add-on orders.

2. Durability

DVAC 120 Fire Rated Ductwork has no coating that could be damaged during transportation and/or installation or that will degrade over time and/or due to vigorous cleaning. Fire performance relies on a product's dependability and durability.

3. Economy

Using **DVAC 120** can assist in "designing out" Fire Dampers. This allows considerable savings on the total capital cost of dampers, their installation and on-going costs associated with periodic testing, maintenance and ultimately replacement of failed dampers over time. Non-coated product is therefore particularly cost-effective over the lifetime of the building.

4. Cleaning

In order to minimize the build-up of combustible materials (grease) on the inside of Fire rated systems, it is recommended - in both the Building Regulations and DW 172- that systems are regularly cleaned. To facilitate thorough cleaning, fire resisting access doors should be positioned every 2m along the ductwork. In addition, fire resisting access doors should be positioned – on either one or two sides – where the ductwork takes a change of direction and also adjacent to any inline plant such as fans, balance dampers, attenuators and heat recovery coils.

Non-coated **DVAC 120** ductwork is easier to clean and maintain than spray coated or clad systems. Visual checks are also simple and quick to conduct, as nothing is concealed.

5. Safety

Unlike some other systems which require the in-situ application of bonding agents and fillers, there is no specific requirement for RPE (Respiratory Protective Equipment) or a well-ventilated work area, over and above normal Health & Safety measures.

6. Environmental

DVAC 120 is manufactured without the need for the additional chemical processes which are required to etch, prime and coat ductwork. This eliminates the environmental impact risk and costs otherwise associated with the production, application and hazardous waste disposal of chemicals.

* **DVAC 120 (Non-Coated Fire Rated Ducts)** complies with **BS 476: PART 24: 1987** and **ISO 6944-1 (1985)** for 2 Hours Stability & Integrity for Type A & Type B Ducts.

FABRICATION PROCEDURES

I- Rectangular Ducts: Fabrication of Galvanized Rectangular Ducts shall be based on Drawing/Take-Off provided by the client, by following consequently below procedures:

- a) The Shop Drawings shall be encoded into our CAD-Mep Software, to be converted into individual plans.
All items shall be Tagged on the drawings. Individual duct pieces shall be nested on sheet to maximize the sheet usage on CNC Machine avoiding material loss.
- b) An accurate BOQ shall be issued including connectors.
- c) The Fabrication Data shall be saved as NC Program and shall be printed out into different Job Orders (Straight & Fittings).
- d) Job orders shall be sent to the CNC Plasma and Coil Line machines for cutting and items identification, as follows:
 1. For Straight Rectangular ducts, the Coil shall be cut into sheets and folded through the Coil Line Machine. (Straight Duct standard length shall be 1220mm).
 2. For Fittings (Elbow, Tee, Reducer, etc..) the sheets shall be cut through the Plasma Cutting Machine into individual marked pieces; then shall be taken to the assembly area.
 3. Connectors that shall be fixed to the ducts/fittings complying to the project specs.; stiffener shall be applied in the outer middle of the duct if required.
- e) All Connectors/Joints to be fixed on the Ducts & Fittings (Flanges/Angle Flanges), shall comply with the project specs.

II- Circular Ducts: Fabrication of **Straight** Galvanized Circular Ducts shall be based on Drawing/Take-Off provided by the client, by following consequently below procedures:




- a) The Job Order shall be encoded in the SPIRO Tubeformer Machine to produce the straight spiral ducts as per diameters and lengths requested.
- b) Connectors/Joints shall be according to the project specs (Fanges/Coupling)

Fittings Fabrication: Same as for the Rectangular Fittings.

* QA/QC shall be conducted before each delivery in order to indicate the "Passed" Tag or "Rejected"

* Each item shall be holding DVAC label with code indicating the followings:

1. Tag No.,
2. PO Ref.,
3. Date,
4. Customer/Company Name,
5. Project Name,
6. Job Order Ref.,
7. Type of Materials (GI, SS, BS, Alum.)
8. Weight, Length, Area,
9. Connector Dimensions
10. Steel Thick/Gauge
11. Type of Item (Straight, Elbow, Tee Reducer, etc.)
12. Item Picture

		Item: SA G67		
P.O. Ref.: 17301195		Date: 08/01/2020		
Customer: M/S. DVAC Duct Ventilation Air Conditioning Co.WLL				
Project: Workshop				
Job Name: 6B03 - GROUND FLOOR				
Material: Galvanized x 22	Taper 550 x 400			
	C1: 550 x 400	C2: 800 x 250	C3:	
Weight: 5.15 (kg)	Service General Supply			
Area: 0.80 (sqm)				
Ins:				
Double Wall: No	Skin:	Skin Area: (sqm)	Length/Angle: 360 (mm)	
MADE IN QATAR				

* Each Item shall be holding a colored sticker that defines the exact service provided.



* Items Quantity for delivery shall be bar coded by our software, same as mentioned in the Delivery Reports.

* DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.

LIMITATIONS - DUCT SCHEDULE FOR RECTANGULAR (Horizontal/Vertical Ducts)

. GALVANIZED Rectangular Duct Construction
120 minutes Fire Resistance
. IFC Certified as per BS 476: PART 24: 1987

Longer Side (mm)	THK (mm)	Standard Straight L (mm)	Hanger Spacing (mm)	Seam	Stiffener				Cross Joint			Duct Bearer (mm)	Drop Rod (mm)
					Intermediate (mm)	Spacing (mm)	Fastening (mm)	Corner (Bolt)	Type / Rating (mm)	Fastening (mm)	Joining (mm)		
0 - 400	1.2	1220	1200	Pittsburgh Lock	RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 40x40x4	10
401 - 600	1.2	1220	1200		RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 40x40x4	10
601 - 800	1.2	1220	1200		RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 50x50x5	10
801 - 1000	1.2	1220	1200		RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 50x50x5	10
1001 - 1600	1.2	1220	1200		RSA 40x40x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 40x40x1.0	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	C Channel 76x38	12
1601 - 2000	1.2	1220	1200		RSA 50x50x5	600	M6 Bolts or Stitch Welded @ 100	M6	Slip on Flange 40x40x1.0	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	C Channel 102x51	14
2001 - 3000	1.2	1220	1200		RSA 60x60x6	600	M6 Bolts or Stitch Welded @ 100	M6	Slip on Flange 40x40x1.0	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	C Channel 152x89	16

. STAINLESS STEEL Rectangular Duct Construction
120 minutes Fire Resistance
. IFC Certified as per BS 476: PART 24: 1987

Longer Side (mm)	THK (mm)	Standard Straight L (mm)	Hanger Spacing (mm)	Seam	Stiffener				Cross Joint			Duct Bearer (mm)	Drop Rod (mm)
					Intermediate (mm)	Spacing (mm)	Fastening (mm)	Corner (Bolt)	Type / Rating (mm)	Fastening (mm)	Joining (mm)		
0 - 400	1.2	1220	1200	Continuous Welded	RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 40x40x4	10
401 - 600	1.2	1220	1200		RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 40x40x4	10
601 - 800	1.2	1220	1200		RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 50x50x5	10
801 - 1000	1.2	1220	1200		RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 30x30x0.8	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	RSA 50x50x5	10
1001 - 1600	1.2	1220	1200		RSA 40x40x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	Slip on Flange 40x40x1.0	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	C Channel 76x38	12
1601 - 2000	1.2	1220	1200		RSA 50x50x5	600	M6 Bolts or Stitch Welded @ 100	M6	Slip on Flange 40x40x1.0	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	C Channel 102x51	14
2001 - 3000	1.2	1220	1200		RSA 60x60x6	600	M6 Bolts or Stitch Welded @ 100	M6	Slip on Flange 40x40x1.0	M6 Bolts or 4.2mm Self-Drilling Screw @ 150	G Clamp @150	C Channel 152x89	16

LIMITATIONS - DUCT SCHEDULE FOR RECTANGULAR (Horizontal/Vertical Ducts)

. BLACK STEEL Rectangular Duct Construction
120 minutes Fire Resistance
. IFC Certified as per BS 476: PART 24: 1987

Longer Side (mm)	THK (mm)	Standard Straight L (mm)	Hanger Spacing (mm)	Seam	Stiffener				Cross Joint			Duct Bearer (mm)	Drop Rod (mm)
					Intermediate (mm)	Spacing (mm)	Fastening (mm)	Corner (Bolt)	Type / Rating (mm)	Fastening (mm)	Joining Bolt		
0 - 400	1.5	1220	1200	Continuous Welded	RSA 30x30x1.5	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	RSA 30x30x3	Continuous Welded on Duct	@ 150mm	RSA 40x40x4	10
401 - 600	1.5	1220	1200		RSA 30x30x1.5	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	RSA 30x30x3		@ 150mm	RSA 40x40x4	10
601 - 800	1.5	1220	1200		RSA 30x30x1.5	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	RSA 30x30x3		@ 150mm	RSA 50x50x5	10
801 - 1000	1.5	1220	1200		RSA 30x30x1.5	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	RSA 30x30x3		@ 150mm	RSA 50x50x5	10
1001 - 1600	1.5	1220	1200		RSA 40x40x1.5	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	M6	RSA 40x40x4		@ 150mm	C Channel 76x38	12
1601 - 2000	1.5	1220	1200		RSA 50x50x5	600	M6 Bolts @ 100	M6	RSA 40x40x4		@ 150mm	C Channel 102x51	14
2001 - 3000	1.5	1220	1200		RSA 60x60x6	600	M6 Bolts @ 100	M6	RSA 40x40x4		@ 150mm	C Channel 152x89	16

. CIRCULAR & OVAL Duct Construction
120 minutes Fire Resistance
. IFC Certified as per BS 476: PART 24: 1987

Diameter (mm)	Type	THK (mm)	Standard Straight L (mm)	Hanger Spacing (mm)	Stiffener			Cross Joint			Duct Bearer (mm)	Drop Rod (mm)
					Intermediate (mm)	Spacing (mm)	Fastening (mm)	Type Flange Ring (mm)	Closure Ring (mm)	Joining (mm)		
0 - 100	Straight Seamed / Spiral Wound Seam	1.2	1220	1200	RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	25x14x0.8	14x9x0.8	Lock Nut	RSA 40x40x4	10
101 - 200		1.2	1220	1200	RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	25x14x0.8	14x9x0.8		RSA 40x40x4	10
201 - 355		1.2	1220	1200	RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	25x14x0.8	14x9x0.8		RSA 50x50x5	10
356 - 630		1.2	1220	1200	RSA 30x30x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	25x21x1.0	20x16x1.0		RSA 50x50x5	10
631 - 800		1.2	1220	1200	RSA 40x40x1.2	600	M6 Bolts or 4.2mm Self-Drilling Screw @ 100	35x33x1.2	35x25x1.2		C Channel 76x38	12
801 - 900		1.2	1220	1200	RSA 50x50x5	600	M6 Bolts @ 100	35x33x1.2	35x25x1.2		C Channel 102x51	14
901 - 1250		1.2	1220	1200	RSA 60x60x6	600	M6 Bolts @ 100	35x33x1.2	35x25x1.2		C Channel 152x89	16

N.B: For “Straight” Seamed Circular / Oval Duct, the Longitudinal Seam should be “Grooved Seam” or “Continuous Welded”.

*** DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.**

IFC CERTIFICATE

IFC *certification*

**FIRE RATED DUCTWORK &
COMPONENTS SCHEME**

Certificate number: IFCC1548

This is a product certificate to certify that

DVAC
(Duct Ventilation Air Conditioning Co. (W.L.L.))
Small Industries Zone
Pink Area – Zone 81, Street 13 – Building 57
Doha – Qatar
Telephone no. (+974) 44500118

Who supply the following products

DVAC Non Coated Fire Rated Duct

have satisfied the requirements of the SDP 26-1 fire resisting ducts (including smoke extraction) and components scheme, Appendix A. This includes the testing of products to **BS 476: Part 24: 1987**. The inspection of their Factory Production Control and continuing surveillance audits and testing of samples of products taken from production. The product specification and field of application to achieve up to **120 minutes stability and integrity** are detailed in the schedule referenced below.

certification
IFC

Schedules ref: IFCC1548/S01
First Issued: 24 Dec 2019
Valid to: 23 Dec 2024
Issue No: 1


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Ian Woodhouse
Director of Certification

IFC Certification Ltd, 20 Park Street, Princes Risborough, Buckinghamshire, UK, HP27 9AH
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Registered No: 4777898 England

The certificate and schedule are held in force by regular annual surveillance visits by IFC Certification and the reader or user should contact IFC Certification to validate its status. This certificate remains the property of IFC Certification and must be returned to them on demand.

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* DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.

IFC CERTIFICATE



DVAC
(Duct Ventilation Air Conditioning Co. (W.L.L.))

Product range

DVAC 120 Fire Duct System

2 hrs Fire Resistance of an Uninsulated Duct Type A and Uninsulated Duct Type B
BS476: Part 24:1987

The application of this product should be carried out following the manufacturers' instructions and according to the following documents:

Test Report No.
19/19102-496

Assessment Report No.
19-17654-651 M1

This schedule must be read in conjunction with test report 19/19102-496 and assessment report 19 -17654 -651 M1 all aspects of the specification and limitations defined therein must be satisfied. Failure to comply with all specifications will invalidate the approval, and may jeopardise the fire performance.



Director of Certification
Ian Woodhouse

Date: 24 December 2019

The certificate and schedule are held in force by regular annual surveillance visits by IFC Certification and the reader or user should contact IFC Certification to validate its status. This certificate remains the property of IFC Certification and must be returned to them on demand.

Form Number: F28 Schedule

©IFC Certification Ltd
Status: Current
Page 1 of 1

Date: 24/11/05

* DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.

QCDD APPROVAL CERTIFICATE

<p>تاريخ الطباعة : 2020-01-09 وقت الطباعة : ص 7:50 رقم الطلب : PAC20000218</p>	<p>وزارة الداخلية الإدارة العامة للدفاع المدني إدارة الوثائق</p>
<p>شهادة عدم ممانعة</p>	
<p>اعتماد منتج</p>	<p>نوع الشهادة :</p>
<p>بيانات المنشأة</p>	<p>الاسم التجاري :</p>
<p>رقم التسجيل التجاري : 31177</p>	<p>شركة دفاك دأكت للتهوية والتكييف</p>
<p>رقم قيد المنشأة : 12-1845-00</p>	<p>رقم الرخصة التجارية : 104438</p>
<p>البريد الإلكتروني :</p>	<p>رقم الهاتف :</p>
<p>التصنيف :</p>	<p>Ventilation systems</p>
<p>إسم المنتج :</p>	<p>Ducts</p>
<p>تفاصيل الشهادة</p>	
<p>تم مراجعة الطلب المقدم ووضح بأنه لا مانع من اعتماد المنتج / المنتجات الموضحة في التقرير الفني المرفق بناء على اعتماده من قبل اللجنة المخبرية الموضحة في التقرير الفني المرفق.</p>	
<p>ملاحظات</p>	
<p>1. يجب على الشركة الالتزام والعمل بما جاء في اشتراطات قسم أنظمة السلامة التي تم الاطلاع والموافقة عليها من خلال الموقع . 2. يجب ان يقوم بتركيب هذا المنتج من قبل مهندسين وفنيين معتمدين من الإدارة العامة للدفاع المدني. 3. يجب ان يحمل المنتج العلامة التجارية للجنة المخبرية المعتمدة والموضحة في التقرير الفني المرفق .</p>	
<p>تاريخ الاعتماد : 09/01/2020</p>	<p>تاريخ الإنهاء : 08/01/2022</p>
<p>الإدارة العامة للدفاع المدني</p>	
<p>مدير إدارة الوثائق الإدارة العامة للدفاع المدني</p>	
<p>Page 1 of 3</p>	

* DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.

QCDD APPROVAL CERTIFICATE

بسم الله الرحمن الرحيم		
DATE : 2020-01-09	التاريخ : 09-01-2020	 <p>وزارة الداخلية الإدارة العامة للدفاع المدني إدارة الوقاية</p>
PERMIT PAC20000218	رقم الطلب : PAC20000218	
TECHNICAL REPORT التقرير الفني		
PRODUCT :	Ducts	المنتج :
PRODUCT APPLICATION :	Ventilation systems	تصنيف المعدة :
APPLICANT / P.O .Box	شركة دفاك داکت للتهوية والتكييف	مقدم الطلب :
MANUFACTURER / LOCATION :	DUCT VENTILATION AIR CONDITIONING CO. WLL. / QATAR	الشركة المصنعة / بلد الصنع :
الوصف		الموديل
Non coated fire rated duct, 120 minutes stability and integrity, uninsulated duct type A/B.		DVAC 120
3RD PARTY CERTIFICATE / APPROVAL :	19/19102-496 - IFCC1548 - IFC Certification Ltd.	شهادة المختبرات المساندة (من هيئات معتمدة) :
RECOMMENDATIONS التوصيات		
<p>NOTES/STANDARD:</p> <p>IFC CERTIFICATE # IFCC1548 VALID TO: DEC. 23, 2024 TO BS 476 PART 24/SDP 26-1 Schedule ref # IFCC1548/S01 Test report # 19/19102-496 Assessment report # 19-17654-651 M1.</p> <p>Not for installation in commercial cooking exhaust system.</p> <p>The application of this product should be carried out following the manufacturers' instruction and according to the Test report and Assessment report.</p>		
 <p>مدير إدارة الوقاية الإدارة العامة للدفاع المدني</p>		
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* DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.

QCDD APPROVAL CERTIFICATE

This product approval shall comply with the Design, Inspection, Installation, Testing and Maintenance requirements of NFPA 92/90A/90B (and/or other related NFPA Codes / Standards), other acceptable International Codes / Standards, Local Regulations and/or Manufacturer's Published Instructions subject to the technical review and approval of the Authority Having Jurisdiction (Qatar Civil Defence).



مدیر إدارة الوقاية
الإدارة العامة للدفاع المدني

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* DVAC 120 (Non-Coated Fire Rated Ducts) complies with BS 476: PART 24: 1987 and ISO 6944-1 (1985) for 2 Hours Stability & Integrity for Type A & Type B Ducts.



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DUCT VENTILATION AIR CONDITIONING Co. (W.L.L.)

Small Industries Zone - Pink Area Zone 81 - Street 13 - Bldg. 57
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 Doha, State Of Qatar - Email: info@dvac-duct.com - Website: www.dvac-duct.com

DVAC Non-Coated Fire Rated Ducts Catalogue