



Hada Al Jawdah Limited Company

شركة هدف الجودة

المحدودة

ISO 9001:2015, 14001:2015 & 45001:2018

CERTIFIED COMPANY

Premium Quality

HV AC Duct & Accessories

Manufacturing | Supply |

Installation

One Stop Solution For Everything

Commitment to Quality and Innovation

Quality | Safety | Reliability | Integrity

SAUDI ARAMCO APPROVED IN-KINGDOM (IK) MANUFACTURER

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About Us

Your Trusted Professional HVAC Experts

HADAF AL JAWDAH LLC is a Locally registered and ISO 9001:2015, 14001:2015 & 45001:2018 certified company with dedicated highest quality Duct & accessories Manufacturing shed and corporate office situated in Eastern Province within the Kingdom of Saudi Arabia.

Drawing from a decade of professional expertise, we have meticulously cultivated a sterling reputation characterized by reliability and excellence.

Our core competency lies in the provision of an extensive array of HVAC system including the Design, Manufacturing, Supply & also installation, of all types of Ducts & Accessories, vital to any organization's HVAC Project integrity, powered by the rich professional expertise of our management.

We take pride in our commitment to deliver unparalleled quality and service in the Shortest lead time to our clientele within the industry.



"We are Expertise in managing Fast-track manufacturing within 24-48 hours delivery time for catering Urgent needs."*

Hadaf Al Jawdah Limited Company

Company Overview

HADAF is a Saudi Aramco approved In-Kingdom (IK) manufacturer of HVAC ductwork and accessories, with rich experience in design, manufacturing, supply and installation across the Kingdom and the GCC.

Item	Details
Legal name	Hadaf Al Jawdah Limited Company (شركة هدف الجودة المحدودة)
Head office	Al-Dana Tower, Office 305 A, King Faisal West, Jubail 35514, KSA
Branches	Al-Jubail, Dammam, Riyadh
Factory	Dedicated duct & accessories manufacturing shed, Dammam.
Certifications	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
Experience	~05 years in HVAC supply and other services
Production capacity	~350 tons per month
Fast-track delivery	24-48 hours for urgent standard ducts
Approved supplier for	Saudi Aramco, SABIC, SEC, NWC, Ma'aden, KFUPM, RC

VISION

To sustain excellent quality and performance for every client through innovative HVAC solutions, built on in-house modern machinery, and to deliver turnkey supply and installation packages across KSA and the Gulf.

In-house manufactured products (SMACNA / DW-144)

Product	Key specification
Rectangular duct	GI / SS / black steel; C/S type or in-built TDF flange
Spiral (round) duct	Ø 80-2000 mm; seam-lock joint, leak-proof
Volume Control Damper(VCD)	Parallel / opposed blade; manual ; no welded joints
Plenum box	SMACNA construction
Round & rectangular fittings	90°/45° elbows, reducers, offsets, tees with in-built TDF
Aluminium cladding	Round and square profiles
Fire-resistant painted duct	UL listed
Pre-insulated phenolic duct	Per SMACNA

Company Overview...

Supplied products and services

- Hangers, supports, flanges, cleats, sealants, insulation and installation accessories
- Duct installation, modification of existing duct systems, HVAC & A/C AMCs, refrigeration unit services

Manufacturing facility

Fully automated rectangular and spiral duct lines, an automatic damper line, plasma cutting and CNC machines, and in-house quality inspection.

LIST OF MACHINES	
1. Autoline VII - duct manufacturing line	8. Spiral duct machine
2. Plasma cutting machine	9. Elbow making machine
3. Corner-Matic machine	10. Vertical seam closer
4. Lock forming machine	11. TDF flange forming machine
5. Shearing machine	12. Spot welding machine
6. VCD/BDD frame heavy-duty former	13. Damper blade heavy-duty-former
7. Auto TDF flange forming / punching machine (40 t)	

Why Choose HADAF

HADAF gives Aramco a local, certified, high-capacity source of SAES-compliant ductwork with short lead times & full IKTVA value.

1. **Saudi Aramco IK manufacturer:** Already an approved In-Kingdom manufacturer and supplier to Aramco, SABIC, SEC, NWC, Ma'aden, KFUPM and the Royal Commission.
2. **Standards compliance built in:** Design, fabrication and installation to SAES-K-001, SAES-K-100 and SMACNA / DW-144, with gauges selected per the SMACNA size chart (26 ga up to 12 in, through 18 ga at 61 in and over).
3. **Certified management systems:** ISO 9001 (quality), ISO 14001 (environment) and ISO 45001 (health & safety).
4. **Capacity for mega projects:** 350–400 tons per month on automated rectangular, spiral and damper lines.
5. **Fastest lead time:** 24–48 hour fast-track manufacturing for urgent standard ducts; Eastern Province plant close to Aramco facilities.
6. **In-built TDF flange technology:** Rigid, air-tight joints with no welding or riveting, faster installation and lower cost than traditional angle flanges.
7. **Leak-proof products:** Seam-lock spiral duct and lock-type, weld-free dampers built for air tightness and long service life.
8. **In-house engineering:** CAD shop drawings, clash-free coordination, revision control and quantity take-offs, under a QA chain of engineering verification, revision certification, DCC, PM approval and operations certification.
9. **Single-source package:** Ducts, dampers, fittings, insulation, and installation accessories from one accountable supplier.
10. **Local content and IKTVA:** Saudi-registered company with in-Kingdom manufacturing, supporting Aramco's localization goals. Saudi Made member.

HVAC IN-HOUSE MANUFACTURING CAPABILITIES



HVAC RECTANGULAR DUCT

HADAF Rectangular Duct Work are designed and manufactured as per the SMACNA Standards with C/S type, 'or' in-built TDF Flanges.

Material: GI/ SS/ Black Steel etc.

One Stop solution for all duct C/S and TDF connection forming requirements

Readily Approved for Client Testing guaranteed.

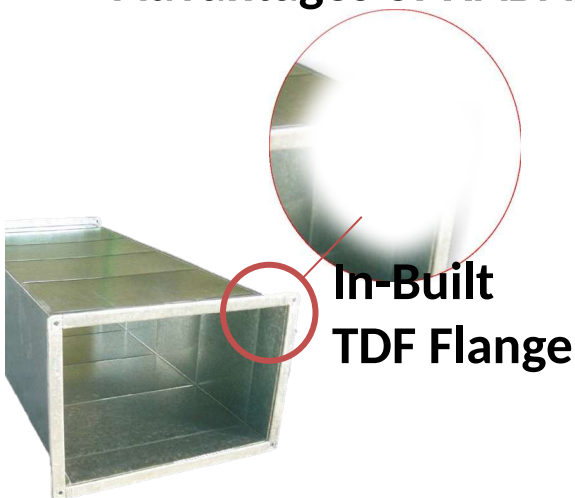


CS Type



TDF Type

Advantages of HADAF In-Built TDF Flanges Duct



- Very Strong and rigid construction.
- Space-saving joint design.
- Consistent factory-made quality.
- Clean and professional finish.
- Excellent Air tightness.
- Fastest and easy installation.
- Huge Cost Savings.
- Shortest Delivery time.
- Eliminates welding and riveting.
- Saves huge time compared to traditional flange methods.

HVAC IN-HOUSE MANUFACTURING CAPABILITIES



HVAC Spiral Duct

HADAF Modern High-quality Round Spiral Duct, designed and manufactured in accordance with SMACNA standards, featuring a Seam Lock joint for unmatched 100% leak proofness.

Available in diameters ranging from Ø 80 mm to Ø 2000 mm.

Volume Control Damper -VCD

HADAF Volume Control Dampers confirming SMACNA standard offer precise airflow control with high-quality parallel blade and opposed blade options for efficient, leakproof and durable HVAC performance.

Type: Manual or Motorised type.

Features: No Welding joints; Lock-type, Sturdy & Durable design.



Back Draft Damper - BDD

HADAF back draft dampers/ pressure dampers confirming SMACNA standard are used for intake and discharge opening in ventilation system. leakproof and durable HVAC performance.

Features: No Welding joints; Lock-type, Sturdy & Durable design.



HVAC Plenum Box

HADAF Plenum Boxes confirming SMACNA standard are engineered and designed to satisfy high performance method of air distribution with best efficiency.

HVAC Access Door

HADAF Access Door confirming SMACNA standard provides safe and convenient access to duct systems for inspection and maintenance without affecting airflow or system integrity.



HVAC Round Fittings

HADAF Spiral ducts fitting Elbow 90°/ 45° and Reducers customised designed and machine-manufactured as per SMACNA standards for best quality & finish.

HVAC Rectangular Fittings

HADAF Rectangular ducts fitting Elbow 90°/ 45° and Reducer/ Offset with in-built TDF flange customised designed and manufactured as per SMACNA for best quality & finish.



HVAC Duct Tee Fittings

HADAF Spiral & Rectangular ducts fitting Tee with in-built TDF flange designed and manufactured as per SMACNA for best quality & finish.

Aluminium Cladding

HADAF manufactures high-quality Aluminium Cladding in both round & square profiles, custom-fabricated to meet specific project requirements with best quality & finish.



Fire Resistant Painted Duct (UL Listed)

HADAF manufactures UL Listed Fire Resistant Painted Ducts engineered to ensure certified fire protection and long-lasting performance, custom-fabricated to meet project requirements with high-quality coating, durability, and superior finish.



Fire Insulated Duct

HADAF manufactures high-performance Fire Insulated Ducts designed to provide reliable fire resistance, thermal insulation, and safe smoke extraction, custom-built to meet project specifications with superior quality, durability, and finish.



Pre-Insulated (*Phenolic Duct*)

HADAF Phenolic Ductwork, customized to meet specific customer requirements as per SMACNA standards, is a high-performance HVAC ducting solution designed for superior thermal insulation, lightweight construction, and enhanced fire resistance—making it ideal for modern air distribution systems.



Other Products



HVAC Sound Attenuators

Series Sound Attenuators in accordance with AMCA, ASTM E477, BS EN 7235:2009 are designed to offer superior acoustic & aerodynamic performance.

HVAC CS Sound Attenuators

CS series Sound Attenuators are designed to offer superior acoustic and aerodynamic performance in circular ducts.



Acoustic Louvers

Acoustic louvers have an energy-saving, aerodynamic design and have very low pressure drop characteristics



Stationary Louvers

Stationary louvers are basically weather louver designed to provide air intake and air exhaust. Designed to fit almost every application



Air Terminals

Air Terminal Units (VAV, CAV & ABTU) are AHRI-compliant solutions engineered for precise airflow control, energy efficiency, and reliable zone-level air distribution in HVAC systems.

HVAC Pocket Filters

Supply of high-quality HVAC pocket filters for efficient air filtration and improved indoor air quality. Designed for high dust-holding capacity, low pressure drop, and reliable performance, our filters help protect HVAC systems and enhance operational efficiency.

Key Features:

- High filtration efficiency
- Low pressure drop
- Durable construction
- Various sizes and grades available
- Suitable for commercial and industrial HVAC applications
- Prompt and reliable supply service

HVAC POCKET FILTERS SUPPLY

High-quality pocket filters for efficient air filtration and improved indoor air quality.



HIGH FILTRATION
EFFICIENCY



VARIOUS SIZES
AND GRADES



LOW PRESSURE
DROP



SUITABLE FOR
COMMERCIAL AND
INDUSTRIAL HVAC



DURABLE AND
RELIABLE



PROMPT AND
RELIABLE SUPPLY

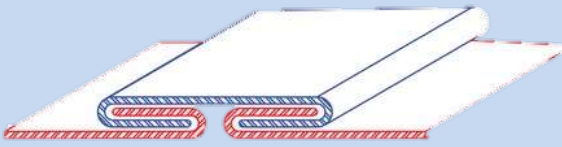


HANGERS, SUPPORTS & OTHER INSTALLATION ACCESSORIES

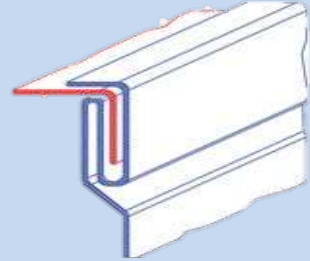


- Duct Tape (3"x40 yards)
- Silicon Sealant - Normal
- Silicon Sealant - Fire Rated
- Yellow Strap 1/2" Width
- Strap Clip 1/2" 1Kg / Box
- Gasket - 1/4" Thk X 3/4" Width X10m
- Threaded Rod GI - 10mm X 3Mtr
- Threaded Rod GI - 12mm X 3Mtr
- Angle bar 50x50x3 L/6mtr- CS/ GI/ SS
- Angle bar 40x40x3 L/6mtr- CS/ GI/ SS
- Angle bar 30x30x3 L/6mtr- CS/ GI/ SS
- Insulation 24kg's , 25mm thick (1.2X 20 m)
- Insulation 48kg's , 50mm thick (1.2X 12 m)
- Aero Duct Connector - 1-3/4" x 3" x 1-3/4" - 75ft
- Corner Piece 30mm
- Corner Piece 35mm
- Corner Piece 40mm
- Slide on Flange, 30mm Height
- Slide on Flange, 35mm Height
- Slide on Flange, 40mm Height
- Duct Clamp (G-Clamp)
- Square to Round Transition piece
- Drive Slip
- Hemmed S Slip
- Standing S-Slip
- Other items as per the need.

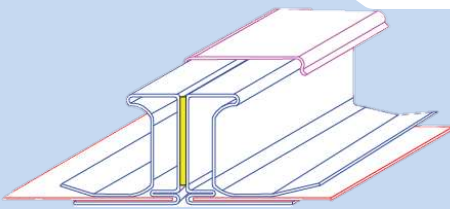
HADAF TRANSVERSE DUCT CONNECTORS SYSTEM



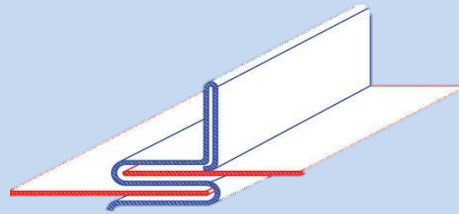
Drive Cleat (SMACNA - T1)



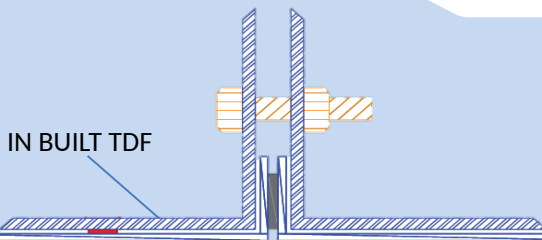
Pittsburgh Lock



Slip - On Flanging System



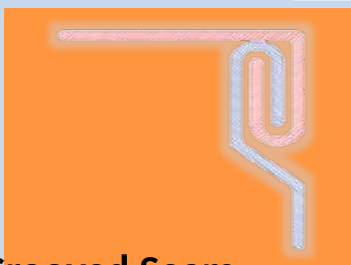
Standing "S" Cleat (SMACNA - T11)



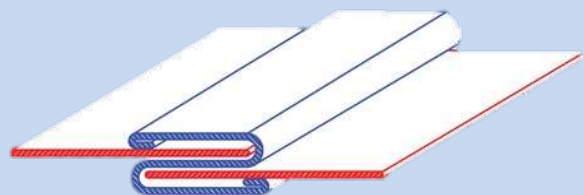
Companion Angles



Lap joints



Grooved Seam



Hemmed "S" Cleat (SMACNA - T6)

HVAC DUCTWORK- MANUFACTURING & INSTALLATION



Applicable Engineering Standards

All ductwork design, fabrication, and installation activities are carried out in accordance with the following standards and project specifications:

- SAES-K-001 – HVAC Ductwork Design Requirements
- SAES-K-100 – HVAC Installation Requirements
- SMACNA – Sheet Metal and Air Conditioning Contractors' National Association Standards like DW/144.

Quality Assurance & Certification

All manufacturing and installation processes are subjected to:

- Engineering Verification
- Revision Certification
- Drawing Completion Certification (DCC)
- Project Management Approval
- Operations Certification

SMACNA Standards

Dimensions, Weight & Gauge Chart

RECTANGULAR SIZES	GAGES OF SHEETS FOR DUCT SIZES	ROUND DIAMETER
Up to 12 in.	26	Up to 12 in.
13 to 30 in.	24	13 to 30 in.
31 to 42 in.	22	31 to 40 in.
43 to 60 in.	20	41 to 60 in.
61 in. and over	18	61 in and over

“Our ductwork is designed and installed in full compliance with DW/144 by SMACNA, ensuring reliable, durable, and high-performance HVAC systems.”

MANUFACTURING CAPACITY



High Volume Industrial Production Facility

- Monthly Production Capacity: Min. 350 – 500 Tons*.
- Fully Automated Duct-Rectangular & Spiral Line
- Automatic Damper production Line
- Plasma Cutting & CNC Machines
- In-House Quality Inspection
- Fast Turnaround for Mega Projects

Our Modern Manufacturing Machines

- Autoline VII – Duct Manufacturing Machine.
- Spiral Duct Machine.
- Plasma Cutting Machine.
- Elbow Making Machine.
- Corners Matic Machine.
- Vertical Seam Closer Machine.
- Lock Forming Machine.
- TDF Flange Forming Machine.
- Shearer Machine.
- Spot Welding Machine.
- VCD/BDD Frame heavy duty forming Machine.
- Dampers Blade heavy duty forming Machine.
- Auto TDF Flange forming/ Punching Machine 40 Tons

SERVICES OFFERED

Comprehensive Solutions for Your HVAC Needs



Our Process



HVAC – SUPPLY SERVICES

We provide a wide range of custom HVAC ducts and accessories, ensuring that all materials meet the highest standards for quality and durability.

- Custom-made duct fabrication
- Highest quality GI / Alum / SS materials
- Compliant with HVAC standards
- Airtight, leak-proof sturdy design
- Thermal & acoustic insulation options
- Optimized airflow performance
- Complete duct fittings & accessories
- Low maintenance design
- Easy & fastest installation
- Long service life
- Energy-efficient systems
- Smooth & best finish
- Suitable for all HVAC applications
- Fastest delivery
- Technical support available

HVAC – INSTALLATION SERVICES

Our professional installation services guarantee efficiency and reliability, with a focus on meticulous project management and adherence to timelines for every project undertaken.

- Expert HVAC installation services
- Efficient and reliable execution
- Skilled and certified technicians
- Strict project timeline adherence
- Professional project management
- Quality workmanship assurance
- Site safety compliance
- Minimal downtime during installation
- Precision alignment & fitting
- On-site technical supervision
- Post-installation support
- Timely project completion

ENGINEERING EXPERTISE



In-House Design Engineering

Our in-house design team utilizes industry-leading CAD and HVAC design software to develop accurate, coordinated, and fully compliant designs.

Design Strengths, HVAC duct layout and fabrication drawings, Shop drawings for GI ducts, Volume Control Dampers, and Back Draft Dampers, Detailed drawings including dimensions, materials, reinforcements, flanges, and accessories, Clash-free coordination drawings supporting the site execution & Revision control and rapid design updates to match site conditions.



In-House Estimation Capabilities

Our in-house estimation team provides accurate, timely cost assessments and detailed quantity take-offs to support effective project planning. By managing the process internally, we ensure better control, faster turnaround, and reliable budgeting from concept to execution—helping minimize risks and keep projects on schedule and within budget.



HVAC & A/C - INSTALLATION & MAINTENANCE



HVAC & A/C Installation and Maintenance AMCs

We provide complete HVAC and Air conditioning solutions, including equipment supply, professional installation, and reliable Preventive & breakdown Maintenance AMCs which includes inspection visits, planning, spare supply, re-commissioning, etc. Our services ensure efficient cooling, air quality, and efficient system performance.

MODIFICATION OF EXISTING HVAC DUCT SYSTEMS



We provide professional HVAC duct modification services to enhance system performance, improve airflow distribution, and accommodate changing operational requirements. Our solutions are tailored to optimize existing ductwork, ensuring improved energy efficiency, indoor comfort, and system reliability while minimizing disruption to ongoing operations.

Key Features:

- Duct rerouting and resizing
- Airflow balancing and optimization
- System upgrades and expansions
- Energy-efficient modifications
- Minimal operational downtime
- Professional installation and testing

MODIFICATION OF EXISTING HVAC DUCT



Adapting to
Changing Needs



Improved Airflow
& Efficiency



Seamless Integration
with Existing Systems



Quality Workmanship
& On-Time Delivery



Safety First



Industry Compliant



Experienced Team



Timely Execution

REFRIGERATION UNIT SERVICES



We provide professional installation, maintenance, repair, and upgrade services for commercial and industrial refrigeration units, ensuring reliable performance, energy efficiency, and minimal downtime.

REFRIGERATION UNIT SERVICES

Reliable Solutions. Peak Performance.
Every Time.



INSTALLATION

Expert installation of commercial & industrial refrigeration units.



MAINTENANCE

Routine maintenance to ensure optimal performance and energy efficiency.



REPAIR

Fast and reliable repair services to minimize downtime.



UPGRADES

System upgrades and retrofits for improved efficiency and performance.



OUR CLIENTS & PRINCIPALS



أرامكو السعودية
saudi aramco

معادن
MAADEN

سابك
SABIC



مرافق
MARAFIQ

WESCOSA



الهيئة الملكية
للجبيل وينبع
Royal Commission for Jubail & Yanbu

RAWABI

Johnson
Controls



Turn to the Experts.



RUNDFOS



Approved Supplier for:

ARAMCO | SABIC | SEC | NWC | MAADEN | KFUPM | RC |
more...



Hada Al Jawdah Ltd. Co.

شركة هدف الجودة
المحدودة

Contact Us



We welcome the opportunity to support your projects and discuss how **HADAF AL JAWDAH LLC** can add value through reliable and professional plant maintenance solutions.

Head Office

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Contact Details

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Our Commitment

We are committed to providing **prompt response, professional support, and reliable fastest delivery** to our clients across the Kingdom of Saudi Arabia and the Middle East.

Powering Performance.

Maintaining Excellence.