



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000128783 PURCHASE OF AIR COMPRESSORS FOR THE
DEPARTMENT OF WATER**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
11-Nov-2019 05:09:09 AM



BID 50-128783
PURCHASE OF GARDNER DENVER L-SERIES AIR COMPRESSORS
FOR THE DEPARTMENT OF WATER

November 20, 2019 @ 11:00 A.M.

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.

Jefferson Parish Purchasing Department
200 Derbigny Street, Suite 4400
Gretna, LA 70053
Please Email Any Questions To:
Mark BATTERY
MBATTERY@JEFFPARISH.NET
504-364-2810

DATE: 11/07/2019

INVITATION TO BID
THIS IS NOT AN ORDER

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BID NO.: 50-00128783

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR: Technology International, Inc.

BUYER: MBUTTERY@jeffparish.net

Bids will be received until 11:00 AM, 11/20/2019 via online at www.jeffparishbids.net or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at purchasing.jeffparish.net and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. **JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR.** Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail.

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the **LOWEST RESPONSIVE and RESPONSIBLE BIDDER**, taking into consideration the **CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE**

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year warranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A1 17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

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1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 11/07/2019

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00128783

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR: Technology International, Inc.

BUYER: MBUTTERY

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

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JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>See Attached</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	_____
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	_____

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: None

NUMBER: _____

NUMBER: _____

NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: <u>Technology International, Inc.</u>	
SIGNATURE: (Must be signed here) <u>Rifat Habib</u>	TITLE: <u>Business Development Exec.</u>
PRINT OR TYPE NAME: <u>Rifat Habib</u>	
ADDRESS: <u>1349 South International Pkwy, Suite 2411,</u>	
CITY, STATE: <u>Lake Mary, Florida</u>	ZIP: <u>32746</u>
TELEPHONE: <u>(407) 359-2373</u>	FAX: <u>(407) 359-2372</u>
EMAIL ADDRESS: <u>tii@tii-usa.com</u>	

TOTAL PRICE OF ALL BID ITEMS: \$ 15,572.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128783

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	2.00	EA	PURCHASE OF GARDNER DENVER L-SERIES AIR COMPRESSORS FOR THE DEPARTMENT OF WATER 0010 10 HP, 460 VOLT 240 GALLON AIR COMPRESSOR WATER DEPT.-EB WATER PLANT-MERVIN GRAVES REPLACEMENT AIR COMPRESSORS FOR THE P3 WATER PLANT LOCATION: JEFFERSON PARISH EB WATER PLANT 3600 JEFFERSON HWY., BLDG. D JEFFERSON, LA 70121	\$7,786.00	\$15,572.00

***Please see our Equipment Proposal TII/LA/1119/12759 attached.

Air Compressor Specs

1.0 General

This shall be for purchase of (2) two Gardner Denver L-Series L07 rotary screw air compressors (or equivalent) for the Jefferson Parish Eastbank Water Treatment Plant. This shall be a turnkey purchase. All labor and materials for installation shall be included in bid price.

2.0 Product Specs

- TEFC 10 Horsepower Motor
- 125 PSIG
- 60 Hz/460 Volts 3PH
- 240 gallon tank
- 158 degree mixing valve
- Automatic tank drain
- Second pressure band control for lead/lag operation



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

June 2019

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The Jefferson Parish Purchasing Department would like to make vendors aware of the following changes:

DEDUCTIBLES: The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

PROTESTS: Only those vendors that submit bids in response to a solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

Please contact the Jefferson Parish Purchasing Department at 504-364-2678 if you have any questions or need assistance.

Joseph S. Yenni Building – 1221 Elmwood Park Blvd., Ste. 404, Jefferson, LA 70123
Office 504.364.2678
General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053
Office 504.364.2678
Email: Purchasing@jeffparish.net Website: www.jeffparish.net



Technology International, Inc.
 1349 South International Pkwy, Suite 2411
 Lake Mary, FL 32746
 Tel: (407) 359-2373
 Fax: (407) 359-2372
 E-mail: tii@tii-usa.com
 Website: www.tii-usa.com

Equipment Proposal

Description: Purchase of Air Compressors for the Department of Water

Solicitation #: 5000128783

Agency: Jefferson Parish Government

Our Ref: TII/LA/1119/12759

Date: 11/19/2019

In response to your quote request for Purchase of Air Compressors for the Department of Water, Technology International, Inc. is pleased to submit the following for consideration:

ITEM NO.	QTY	DESCRIPTION/ MODEL NO.	UNIT PRICE	EXTD. PRICE
1	2	10 HP Rotary Compressor (Basemounted) with 240 Gallon Vertical Tank <ul style="list-style-type: none"> • R7.5i-A125, 10 HP Rotary Compressor • 460/3/60 Voltage • Electronic Drain Valve • Basemounted • XE-70 Onboard Digital Controller 	\$7,786.00	\$15,572.00
See attached data sheets				
<u>Total price for all above.....\$15,572.00</u>				

Warranty: Manufacturer’s Standard warranty applies.

Delivery:

- Estimated delivery is **8 WEEKS** after receipt of order and approved submittal
- All delivery dates quoted are subject to manufacturer’s confirmation at time of order.
- Submittal data will be provided for approval after receipt of order (if applicable).
- Customer to provide equipment and personnel to unload.

- TII will deliver good title (MSO) to the Agency upon payment confirmation. The Agency is responsible for its own title work and registration (if applicable).

Freight: Freight Included to Jefferson, LA 70121.

Validity: Quote is valid for 30 days.

Payment Terms: NET 30

Prompt Payment discount: 1/4 % 10 days

***** Notes:**

- Quoted price is an offer for a lump sum contract.

Technology International, Inc. Corporate data:

We are a small business and our Tax Payer Identification Number (TIN): 650342335. The above price quoted does not include any sales, excise or similar taxes. If applicable agency must accrue and remit it directly."

We trust that this proposal will meet your requirements and we look forward to hearing from you.

If you have any questions or need more information, please contact us by phone at 407-359-2373, fax at 407-359-2372 or email us at tii@tii-usa.com

Respectfully submitted,



Rifat Habib
Business Development Exec.
Technology International, Inc.

Rotary Screw Air Compressor R7.5i (10 HP) Air Cooled



Image for reference only

Technical Information:

Available Flow (Capacity):

- 39.84 CFM @ 110psig (R7.5i-110)
- 36.69 CFM @ 125psig (R7.5i-125)
- 33.37 CFM @ 145psig (R7.5i-145)
- 25.27 CFM @ 200psig (R7.5i-200)

Max Operating Pressure:

- 110psig (R7.5i-110)
- 125psig (R7.5i-125)
- 145psig (R7.5i-145)
- 200psig (R7.5i-200)

Weight:

- 650 lbs. Baseplate
- 915 lbs. 80 Gallon Tank
- 985 lbs. 120 Gallon Tank

Compressed air outlet size: 3/4" NPT

Dimensions – (L x W x H):

- 38" x 28" x 47" Baseplate

Product Description:

The new Ingersoll Rand Fixed Speed R-Series Rotary Screw Compressor incorporates proven technology and the standard Xe-Series controller ensures the highest levels of reliability, efficiency and productivity available today. Moreover, the introduction of the new R-Series design reduces complexity and improves reliability through new air end and motor design.

For ultimate customer convenience Fixed Speed and Variable Speed units were designed on a common platform therefore consumables are common across both variations. This common design was created leveraging Ingersoll Rand's global engineering to ensure optimal performance.

Key Features & Benefits:

- **Industrial grade Motors:** With high efficiency IE3 rating, TEFC (totally enclosed fan cooled) motors for peak efficiency and reliability in the harshest environments. Additionally, for greater flexibility includes Tri-Voltage 208-230/460 configuration as standard.
- **V-Shield™ Technology:** A totally integrated, leak-free design with fewer leaks paths and encompasses PTFE (Polytetrafluoroethylene) hoses and O-Ring face seals on all oil connections to eliminate leaks and improve reliability as well as peace of mind.
- **Xe-Series Controller:** Xe-Series controller as standard with large navigations buttons, Simple and intuitive controls combined with a backlit LCD concept with optional features such as modulation, Power Out Restart, and sequencing of up to 4 compressors.
- **Rugged leak free air end:** At the heart of the R-Series are robust, roller bearing-equipped airends, engineered for exceptional reliability and efficiency. Precision machined rotors with coolant paths integral to the cast housing.
- **Cooling system:** Incorporates floating cooler design which eliminates risk for thermal stress.

All specifications are given for informational purposes only. All information is subject to change without notice. The attached terms and conditions are an integral part of this quotation and any resulting orders.

R7.5i (IE3) 60Hz

CCN: 47523370001
Rev.: B
ECN: 991389
Sheet: 1 of 1
Date: 27-Jul-2015

Model Name		R7.5i-X110	R7.5i-X125	R7.5i-X145	R7.5i-X200			
GENERAL PERFORMANCE DATA								
Maximum Operating Pressure (2)	barg (psig)	7.5 (110)	8.5 (125)	10.0 (145)	14 (200)			
Rated Discharge Pressure	barg (psig)	7 (100)	8 (115)	9.5 (135)	13.5 (190)			
Minimum Operating Pressure	barg (psig)	4.5 (65)	4.5 (65)	4.5 (65)	4.5 (65)			
Capacity FAD (1)	m ³ /min (CFM)	1.13 (39.84)	1.04 (36.69)	0.94 (33.37)	0.72 (25.27)			
Maximum Operating Ambient Temperature	°C (°F)			40 (104)				
Minimum Operating Ambient Temperature	°C (°F)			2 (35)				
Maximum System Temperature Setting	°C (°F)			109 (228)				
Nominal Power - Main Motor	kW (HP)			7.5 (10)				
Main Motor Efficiency (3)	Percent			90.2%				
Package Input Power - Air Cooled (4)	kW	9.36	9.42	9.46	9.47			
Package Input Power - Air Cooled - No Loaded	kW	4.90	4.30	4.00	3.10			
Specific Power - Air Cooled (4)(5)	kW/m ³ /min (HP/CFM)	8.30 (23.50)	9.07 (25.67)	10.01 (28.35)	13.24 (37.48)			
SOUND LEVEL (6)								
Standard Package - Air Cooled	dB(A)			69				
COOLING DATA (@ Maximum Ambient Temperature & Maximum Discharge Pressure)								
Heat Removal Oil Cooler	kW (1000 Btu/hr)	7.7 (26.3)	7.8 (26.6)	7.9 (27.0)	8.0 (27.3)			
Heat Removal Oil and Aftercooler	kW (1000 Btu/hr)	9.1 (31.1)	9.1 (31.1)	9.2 (31.4)	9.0 (30.7)			
Additional Static Pressure	Pa (in H ₂ O)			See Document 23883374				
Fan Air Flow	m ³ /min (CFM)			34.0 (1200)				
Fan Motor Nominal Power	kW			0.3				
Fan Motor Efficiency	Percent			71.0%				
Cooling Air Temperature Rise	°C (°F)	25 (45)	25 (45)	25 (45)	25 (45)			
Aftercooler CTD(7)	°C (°F)	7.5 (13.5)	7.5 (13.5)	7.5 (13.5)	7.5 (13.5)			
AIR END DATA								
Male Rotor Speed	rpm	4630	4356	4046	3291			
Tip Speed Rotor	m/sec	18.00	16.93	15.73	12.79			
Full Load Shaft Power	kW	8.36	8.42	8.45	8.46			
COOLANT LUBRICATION DATA								
Total Coolant Capacity - Air Cooled	litres (US gal)			5 (1.32)				
PIPING CONNECTIONS								
Air Discharge	Inches NPT			0.75				
Package Automatic Condensate Drain(8)	Inches NPT			0.25				
Coolant Drain - Hose Size	Inches			0.88				
Diameter of Power Inlet	mm / inch			M32 gland cable (cable diameters 12-21mm / 0.47-82")				
DIMENSIONS & WEIGHT								
		Base Mounted						
Length / Width / Height	mm (inches)	960 (37.8) / 690 (27.2) / 1186.5 (46.7)						
Net Weight - Air Cooled	kg (lb.)	280 (618)						
GA Drawing Number - Air Cooled		24187775						
ELECTRICAL DATA ⁽¹⁴⁾								
		208V 3Φ	220V 3Φ	230V 3Φ	380V 3Φ	440V 3Φ	460V 3Φ	575V 3Φ
Motor Enclosure Protection		IP55	IP55	IP55	IP55	IP55	IP55	IP55
Full Load Package Current - Air Cooled (10)	Amps	34.7	33.2	32	19	17	16	12.5
Package Locked Rotor Current	Amps	381.7	298.8	346.5	172.8	150.3	174.9	110.0
Package Power Factor		0.86	0.85	0.78	0.85	0.85	0.75	0.84
Electrical Installation								
Recommended Supply Cable Size (11)	mm ² /Cu (AWG or kcmil)	6 (AWG8)	6 (AWG8)	6 (AWG8)	6 (AWG8)	2.5 (AWG12)	2.5 (AWG12)	1.5 (AWG14)
Maximum Recommended Fuse Rating ⁽¹¹⁾⁽¹²⁾	Amps	63	63	63.0	40.0	32.0	32.0	25.0

Notes:

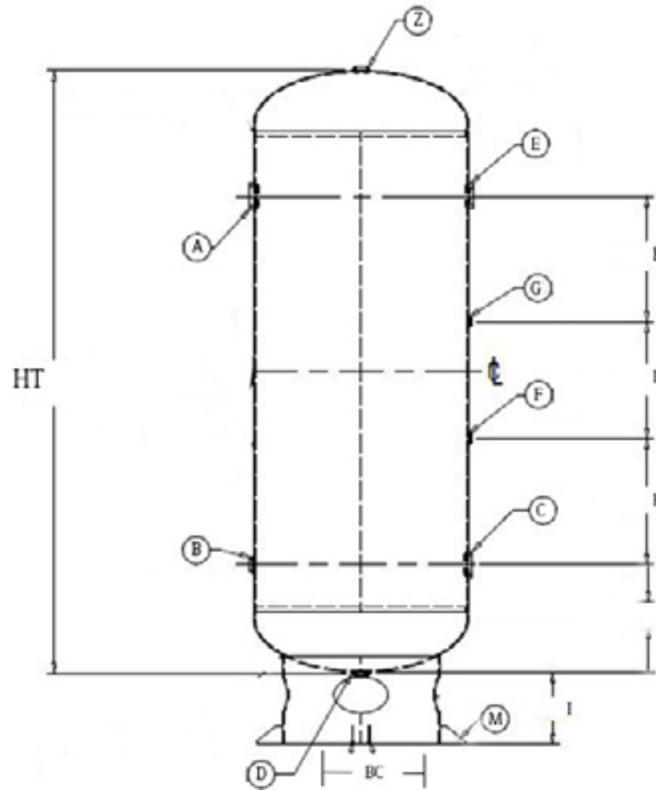
- (1) FAD (Free Air Delivery) is full package performance including all losses. Tested per ISO 1217 : 2009 Annex C
- (2) Maximum pressure at package discharge, value at which compressor will stop when unit operating at maximum target pressure
- (3) NEMA Premium efficiency motor
- (4) Measured at rated capacity and rated pressure
- (5) Specific power guaranteed in accordance with ISO 1217 : 2009 Annex C
- (6) Measured in free field conditions per ISO 2151 using Hemispherical Method; ducted inlet and outlet, with + 3 dB(A) tolerance.
- (7) 40% Relative Humidity Inlet Air and maximum speed (For alternate conditions contact Ingersoll Rand)
- (8) Auto drain with receiver only
- (10) Maximum current includes 10% additional current due to fouled filters and elements
- (11) 90°C copper cables. Always apply local electrical codes for sizing cables and fusing.
- (12) Time delay fuse recommended. Apply local electrical codes for fuse sizing
- (13) Coolant volumes listed are approximate. See operator manual for coolant fill procedure.
- (14) Voltage tolerance: (380V) ±6% ; (440, 460, 575V) ±10%

Product Improvement is a continuing goal at Ingersoll Rand. Design and specifications are subject to change without notice or obligation.



Remote Receivers – Vertical Tanks

80-500 Gallon - Standard Skirt



CCN	PSI	GAL	DIA x HT (in)	A	B	C	D	E	F	G	I	J	K	L	M	Z	BC
38016200	200	80	20 x 63	2	1/2	2	1/2	3/4	1/2	1/4	6	10	11	21	11/16	1/2	17
38002747	200	120	24 x 67	2	1	2	1	1-1/2	1/2	1/4	8	12	14	13	11/16	1	20
38002754	200	200	30 x 72	2	1	2	1	2	1/2	1/4	8	12	16	15	11/16	1	26
38002762	200	240	30 x 84	2	1	2	1	2	1/2	1/4	8	12	20	19	11/16	1	26
38002788	165	400	36 x 89	3	1	3	1	2-1/2	1/2	1/4	8	16	20	17	11/16	1	32
38002796	200	400	36 x 87	3	1	3	1	2-1/2	1/2	1/4	8	16	20	17	11/16	1	32
38016135	165	500	36 x 117	3	1	3	1	3	1/2	1/4	8	18	26	25	11/16	1	32
38016143	200	500	36 x 117	3	1	3	1	3	1/2	1/4	8	18	26	25	11/16	1	32



Fixed and Variable Speed Rotary Screw Compressors

R-Series 4-11 kW (5-15 hp)



More Than 145 Years of Compressed Air Innovation



Ingersoll Rand introduced its first air compressor in 1872. Over the next 145 years, we have continued to develop rugged, reliable, industry-leading rotary screw compressor technologies. No matter what the application, Ingersoll Rand rotary screw technology provides clean, dry air in all operating conditions to meet your specific performance needs, reduce costly downtime and maximize your productivity.

Compact Performance

The durable Ingersoll Rand R-Series 4-11 kW compressor extends the R-Series family into the smallest rotary screw offering with benefits like innovative features and a **compact design that fits virtually any application environment.**

Enhanced Reliability

- TEFC Tri-Voltage (208-230/460 V) motor allows the unit to adapt to each voltage for all customers
- Danfoss drive (VSD models) provides world-class reliability, eliminating overheating and related component failures
- V-Shield™ technology uses premium PTFE hoses on all oil-carrying lines as well as O-ring face seal connections, virtually eliminating leaks and increasing hose life
- Power Outage Restart Option (PORO) safely restores the machine to previous settings following power interruption
- Improved cooler design minimizes thermal expansion stresses

Increased Efficiency

- IE3 premium energy-efficient motors support continuous operation in harsh environments
- Next-generation leak-free airends feature significantly improved turndown performance for variable speed units

Compact Productivity

- Vertically stacked drive components reduce the overall basemount footprint by 20% compared to previous models, improving balance and simplifying belt tension
- The R-Series Total Air System (TAS) provides clean, dry air in a single package that minimizes installation costs, space and features improved ISO air quality
- Whisper-quiet operation as low as 69 dBA allows for installation closer to point of use, reducing costs and ensuring a better, safer work environment

Intelligence

- Xe-Series programmable controllers deliver increased control functionality through an intuitive user interface, allowing for easy access to all critical operating parameters
- Optional built-in event logging and trip history allow for greater machine usability and peace of mind

Proven Reliability. Robust Design.

The R-Series 4-11 kW family of compressors delivers optimum performance and easier maintenance, all in a robust, innovative package.



The Xe-Series controllers deliver increased control functionality through an intuitive user interface with large navigation buttons for both fixed and variable speed drives



A totally integrated, leak-free design uses PTFE stainless steel braided hoses



Vertically-stacked drive components allow for easy maintenance



The all-in-one airend features superior air/oil separation and reliability

Convenient Choices for a Complete Air Solution

Clean, Dry Air

Drying the compressed air to remove moisture and contaminants prevents damage to finishing processes or product quality.



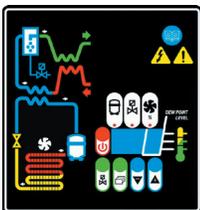
TAS (Total Air System)

- A** 3-in-1 heat exchanger
- B** High-efficiency and general purpose filters
- C** Condenser
- D** Reliable refrigerant compressor
- E** Cyclon water separator

TAS—The Total Package

To provide the most comprehensive air solution, our Ingersoll Rand R-Series compressors are available with a Total Air System (TAS) option. These complete compressor and dryer systems come with integrated controls, water separators, drain ports and filters. For any capacity you need, let Ingersoll Rand provide the complete answer in a compact solution that fits your air requirements and workspace.

- General purpose and high-efficiency filters with integrated dryer deliver class-leading ISO 1-5-1 quality air
- 3-in-1 heat exchanger provides increased reliability and efficiency
- All new dryer design with unprecedented reliability minimizes installation costs with a single-point power connection



Total Air System—Dryer Operation

The onboard dryer controller is integrated into the TAS package such that the dryer cycling is controlled by the compressor operation, and dryer alarms are fed back to the compressor controller. The dryer controller also allows for adjustment of critical operating parameters, saving you time and ensuring peace of mind.

Ensuring Optimal Uptime

Xe-50M vs. Xe-70M Features



Xe-50M



Xe-70M

Feature/Option	Xe-50M	Xe-70M
Display	2.1" monochrome	2.6" 240 x 160 monochrome
Total I/O	11	23
RS-485 communication port	0	2
Ethernet port	No	Yes (optional ECO)
Data collection (SD collection card)	No	7 days (optional ECO)
Start/stop control	✓	✓
Manual load/unload control	✓	✓
Automatic load control (auto-restart)	✓	✓
Lead/lag		✓
Blower control		✓
Power out restart option (PORO)		✓
Integrated dryer control	✓	✓
Language	Symbolic	Text, over 30 languages

Productivity is enhanced due to advanced diagnostics, automated data logging, report generation and compressor sequencing.

Fixed and Variable Speed Drive Options

Features Description	Fixed Speed	Variable Speed
Xe-Series 50 controller	●	
Xe-Series 70 controller	○	●
Total Air System (TAS) with integrated dryer	○	○
Power outage restart option (PORO)	○	○
High ambient option	○	
Outdoor modification enclosure	○	
Ultra FG or Ultra EL coolant	○	○
Hi-dust air filter	○	
Low voltage (208-230 V)	●	○
Receiver tank size (80/120 gallon)	○	○

● Standard Feature ○ Optional Feature "Blank" Not Available

*Available with ECO option **Can only use one at a time due to shared port

Compressor Specifications

i Ingersoll Rand Fixed Speed – 60 Hz Performance										
Model	Max. Pressure		Nominal Power		Capacity (FAD)*		Dimensions		Weight (Air-cooled)	
	psig	kW	hp	cfm	Length x Width x Height		kg	lb		
R4i	110	4.0	5.0	19.4	millimeters 960 x 690 x 1,186.5 inches 38 x 27 x 47		280	617		
R4i	125	4.0	5.0	16.9			280	617		
R4i	145	4.0	5.0	14.3			280	617		
R5.5i	110	5.5	7.5	30.5			280	617		
R5.5i	125	5.5	7.5	27.5			280	617		
R5.5i	145	5.5	7.5	24.3			280	617		
R5.5i	200	5.5	7.5	16.8			280	617		
R7.5i	110	7.5	10.0	39.8			280	617		
R7.5i	125	7.5	10.0	36.7			280	617		
R7.5i	145	7.5	10.0	33.4			280	617		
R7.5i	200	7.5	10.0	25.3			280	617		
R11i	110	11.0	15.0	57.5			295	650		
R11i	125	11.0	15.0	56.1			295	650		
R11i	145	11.0	15.0	50.4			295	650		
R11i	200	11.0	15.0	41.5			295	650		
i Ingersoll Rand Fixed Speed TAS – 60 Hz Performance										
R4i TAS*	110	4.0	5.0	19.4	millimeters 1,156 x 690 x 186.5 inches 46 x 27 x 47		345	761		
R4i TAS*	118	4.0	5.0	16.9			345	761		
R4i TAS*	138	4.0	5.0	14.3			345	761		
R5.5i TAS*	110	5.5	7.5	30.5			345	761		
R5.5i TAS*	118	5.5	7.5	27.5			345	761		
R5.5i TAS*	138	5.5	7.5	24.3			345	761		
R5.5i TAS*	193	5.5	7.5	16.8			345	761		
R7.5i TAS*	110	7.5	10.0	39.8			345	761		
R7.5i TAS*	118	7.5	10.0	36.7			345	761		
R7.5i TAS*	138	7.5	10.0	33.4			345	761		
R7.5i TAS*	193	7.5	10.0	25.3			345	761		
R11i TAS*	110	11.0	15.0	57.5			365	805		
R11i TAS*	118	11.0	15.0	56.1			365	805		
R11i TAS*	138	11.0	15.0	50.4			365	805		
R11i TAS*	193	11	15.0	41.5			365	805		
n Ingersoll Rand Variable Speed TAS – 60 Hz Performance										
Model	Max. Pressure		Nominal Power		Capacity (FAD) @ 100 psi		Dimensions (Length x Width x Height)		Weight (Air-cooled)	
	psig	kW	hp	cfm	mm		in		kg	lb
R5.5n	65-145	5.5	7.5	13.6-32.1	960 x 690 x 1,186.5	38 x 27 x 47	285	628		
R7.5n	65-145	7.5	10.0	14.7-41.7	960 x 690 x 1,186.5	38 x 27 x 47	285	628		
R11n	65-145	11.0	15.0	13.9-59.8	960 x 690 x 1,186.5	38 x 27 x 47	305	672		
R5.5n TAS*	65-135	5.5	7.5	13.6-32.1	1,156 x 690 x 1,186.5	46 x 27x47	350	772		
R7.5n TAS*	65-135	7.5	10.0	14.7-41.7	1,156 x 690 x 1,186.5	46 x 27x47	350	772		
R11n TAS*	65-135	11.0	15.0	13.9-59.8	1,156 x 690 x 1,186.5	46 x 27x47	375	827		
Receiver Tank	Length mm		Width		Height		Additional Mass			
	mm	in	mm	in	mm	in	kg	lb		
80 gal tank-mounted version	1,783	70	690	27	1,704	67	120	264.5		
120 gal tank-mounted version	1,897	75	690	27	1,832	72	142	313.0		

*FAD (Free Air Delivery) is full package performance including all losses. Tested per ISO 1217 : 2009 Annex C and is measured at 10 psi lower than maximum pressure on non-TAS units and at maximum pressure on TAS equipped units.

*TAS units deliver ISO Class 1-5-1 quality air measured at steady state conditions in accordance with ISO 8573-1:2001 that dictates inlet air to package of 25°C (77°F) and relative humidity of 60%.