QUOTATION

Kaeser Compressors, Inc.
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Greg Asher
City of Bryant Water/Sewer Dept.
210 SW 3rd St
Bryant AR 72022-3939

Reference	Customer no.	Quotation no.	Date
6100720233	535483	86896513	09/28/2023

Dear Mr. Asher:

We are pleased to present the following proposal for your review. With Kaeser Compressors, you can be confident your organization will benefit from years of engineering expertise, premium products, and a nationwide service network. Our products reduce life cycle costs with years of reliable service, simple maintenance and high energy efficiency-making them the smart investment.

Kaeser will be providing our standard equipment and instrumentation. Kaeser's scope of supply is as shown on the quote. Items not quoted will not be provided. Kaeser must take blanket exception to any specifications provided with this RFQ.

Thank you for the opportunity to prove Kaeser Compressors offers the best product solutions for your needs, as well as the customer service you deserve.

Sincerely,

Randy Johnson
Territory Manager

I hereby represent that: I am an authorized signatory for this company; agree to the terms of this order; and by signing below I authorize Kaeser to process an order in accordance with this quotation.

_____ _____
Printed Name Title

_____ _____
Authorized Signature Date

KAESER rotary blower package

Type: FB 791 C Gauge pressure (Outdoor install.)

With fixed speed and user-supplied power switching and control unit

KAESER rotary blowers are used in a wide range of applications, such as the pneumatic conveying of bulk materials, sewage treatment (aeration and filter cleaning), liquid homogenization and forced air for combustion equipment.

Technical data (pressure data in absolute values)

Conveying medium	Air
Nominal motor power	125.0 hp
Drive motor efficiency	96.2 %
Motor efficiency	IE4
Rated speed drive motor	1800 rpm
Motor protection	IP 55
Electrical connection	460V / 3 / 60Hz
Max. pressure differential	10.1 psi
Min./max. ambient temperature	23 °F / 104 °F

Designed operating conditions

Inlet pressure	14.7 psia
Inlet temperature	95 °F
Relative humidity	80 %
Designed pressure differential	6.9 psi

Subject to alteration without notice!

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Technical specifications - Type: FB 791 C Gauge pressure (Outdoor install.)

Flow rate[2]	2393 cfm
Flow rate relative to standard condition[3]	2195 scfm cfm
Motor power consumption at design pressure differential[1]	79.7 kW
Block shaft power	99.2 hp
Block speed at main frequency	3170 rpm
Block discharge temperature	197 °F
Type of cooling	Air- and media-cooled
Sound pressure level	79 dB(A)
Sound power level	97 dB(A)
Connection, nominal size	10"
Dimensions (W x D x H)	66.000 IN x 79.000 IN x 94.000 IN
Weight	5071 lb

Technical specifications for model "with sound enclosure"

Electrical power supply of the fan motor	115V / 1 / 60Hz
Rated capacity, fan motor	0.18 kW

Subject to alteration without notice!

[1]: Machine differential pressure, measured at inlet and discharge (transfer point to the process, e.g. compensator).
[2]: Performance data and mechanical tolerances, incl. mechanical, electrical and flow-related losses of all components in the overall system as per ISO 1217:2009 Annex C; the specified flow rate is the usable flow rate at the discharge port of the entire system, converted to the intake conditions at the air intake of the entire system.
[3]: Usable flow rate at the discharge port, based on standard physical conditions: 14.7 psi 32 °F, 0% rel. humidity (as per DIN 1343)

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Type: FB 791 C Gauge pressure (Outdoor install.)

Version labels

(The listed labels are keys that describe the product version in greater detail. See operating instructions for further information.):

· G1_C13_ B13_H3_H12_

Project planning note:

· HB 1300 and 1600 PI Series: For reasons of ease of transport and delivery, the sound enclosure (option) is shipped in segments for this series. Please note that the sound enclosure must be assembled onsite.

· It is the user's responsibility to integrate the thermistors for monitoring the motor winding temperature into the control system to ensure shut-down in the event of a fault.

· The electric connections for sound enclosure ventilators are installed separately by the user. We recommend allowing the fans to run after blower shutdown to prevent heat build-up.

· **Blower packages (complete machinery, only when the option "CE declaration" is selected)** with CE marking, EU Declaration of Conformity and user-side power electronics are deemed completed machinery within the meaning of the Machinery Directive if components that are not delivered with the machinery and are needed to operate it are integrated in accordance with the specifications defined by KAESER KOMPRESSOREN SE in the user manual.

· **Blower packages (incomplete machinery)** without power switching modules are deemed incomplete machinery not ready for operation. A declaration of incorporation as per Annex VII B of the Machinery Directive must be provided in this case (contained in the KAESER scope of delivery). CE marking and declaration of conformity are permitted only after completion of the machinery for operational readiness (at the user's site).

· CE conformity and marking for electromagnetic compatibility are already in place.

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Type: FB 791 C (Gauge pressure)

Decisive product advantages

of Kaeser rotary blowers

Efficient and durable KAESER OMEGA blower block

The precision-machined OMEGA PROFILE rotors developed by KAESER guarantee outstanding energy efficiency while minimizing pulsations. High-precision 5f 21-rated spur-ground timing gears have minimal flank clearance and play a major role in contributing to the block's outstanding volumetric efficiency. The spur-toothed design prevents axial bearing loads resulting in significantly longer bearing service life.

Generously sized bearings

Heavy-duty cylinder roller bearings completely absorb the continuously changing radial gas-forces that are exerted on the rotors. As a result, they avoid the springing effect of self-aligning bearings and last up to ten times longer with the same loading.

Effective pulsation dampening

Efficient adsorption silencers with broad frequency range at the intake and pressure side to prevent process air pulsations; strong dampening of fluid noise within the pipelines and, therefore, significantly less noise emissions from the process air conduits, in variable speed operation in particular.

Cool inlet air

When equipped with a sound enclosure, process air and cooling air for the motor are drawn in separately from outside the enclosure. This boosts efficiency and leads to a higher usable air mass flow rate for the same power consumption. The blowers can operate to full specifications at ambient temperatures up to 113 °F.

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Type: FB 791 C (Gauge pressure)

Transparent costs

Guaranteed performance specifications as per ISO 1217 Annex C/E

To ensure that planned savings are actually achieved under real operation conditions, KAESER specifies the motor power consumption during direct operation at the power supply of the machine, as well as its usable flow rate as per ISO 1217, Annex C.

For flow rates of 529 cfm or more, for example, the following deviations are considered within accepted tolerances for the specified performance data:

- Flow rate +/- 4 %
- Specific capacity (output per flow-rate unit) +/- 5 %

In effect, this means there is a tolerance of +/- 2.5 % for the flow rate and of +/- 2.5 % for the output.
As reported by KAESER, the specified block shaft power, also referred to as the 'coupling power', contains all thermodynamic and fluidic losses of the air-conveying components, e.g. intake filters, silencers, check valves, etc.

The value 'motor power consumption during direct operation at the power supply' contains all mechanical losses, e.g. related to power transmission; electrical losses of the drive motor and all other devices, such as fans, controller, and in the case of a frequency converter, the losses caused in the converter and motor due to voltage conversion.

For pressure blowers, the indicated volume flow is the usable volume flow at the discharge port, converted to the machine's inlet conditions. The blower takes in the cool air at maximum air compression, with no pre-heating, from outside the sound enclosure.

For vacuum blowers, the indicated volume flow is the usable volume flow at the inlet port.

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PRICE SUMMARY

Item	Description	Material	QTY	UM	Unit price USD	Total USD
20	**Rotary Blower FB 791C 125 HP 3170 RPM**	FBC.2	1.000	PC	54,246.67	54,246.67
	Country of installation	USA				
	Model	FB 791 C				
	Electrical connection	460V / 3 / 60Hz				
	Operating mode	Gauge pressure				
	Inlet from	Inlet from room				
	Rated power	125.0 hp				
	Rated block speed	3.170 rpm				
	Control cabinet version	no				
	Max.press.differential	10.1 psi				
	Sound enclosure	Outdoor install.				
	fan voltage	115V / 1 / 60Hz				
	Check plate	yes				
	Temperature gauge	with switching function				
	Sealing, outside	Sliding ring				
30	**Temperature relay PTC 115V AC**	7.2710.2	1.000	PC	265.50	265.50
	TOTAL PRICE					**54,512.17**

Terms of payment
Within 30 days
Payment terms are subject to credit approval.

Delivery(Incoterms®2020)
FCA US Shipping Point
If prepay and add shipping is requested the freight charges will be added to the invoice.

Quotation valid until:
11/28/2023

Delivery time
29-31 weeks from order confirmation.
Delivery time is subject to change without notice, please check the availability with your Territory Manager when placing an order.

Contractual basis
Terms and conditions:
Kaeser quotations are offered with Kaeser's standard Terms and Conditions of Sale and Use and Terms and

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Conditions of Service. All additional or different terms and conditions must be agreed to by written contract with Kaeser corporate office, Fredericksburg, Virginia. Any modifications made by the recipient to the information provided on this Quote will not be honored. Kaeser's Terms and Conditions are available at www.us.kaeser.com/terms and upon written request.

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