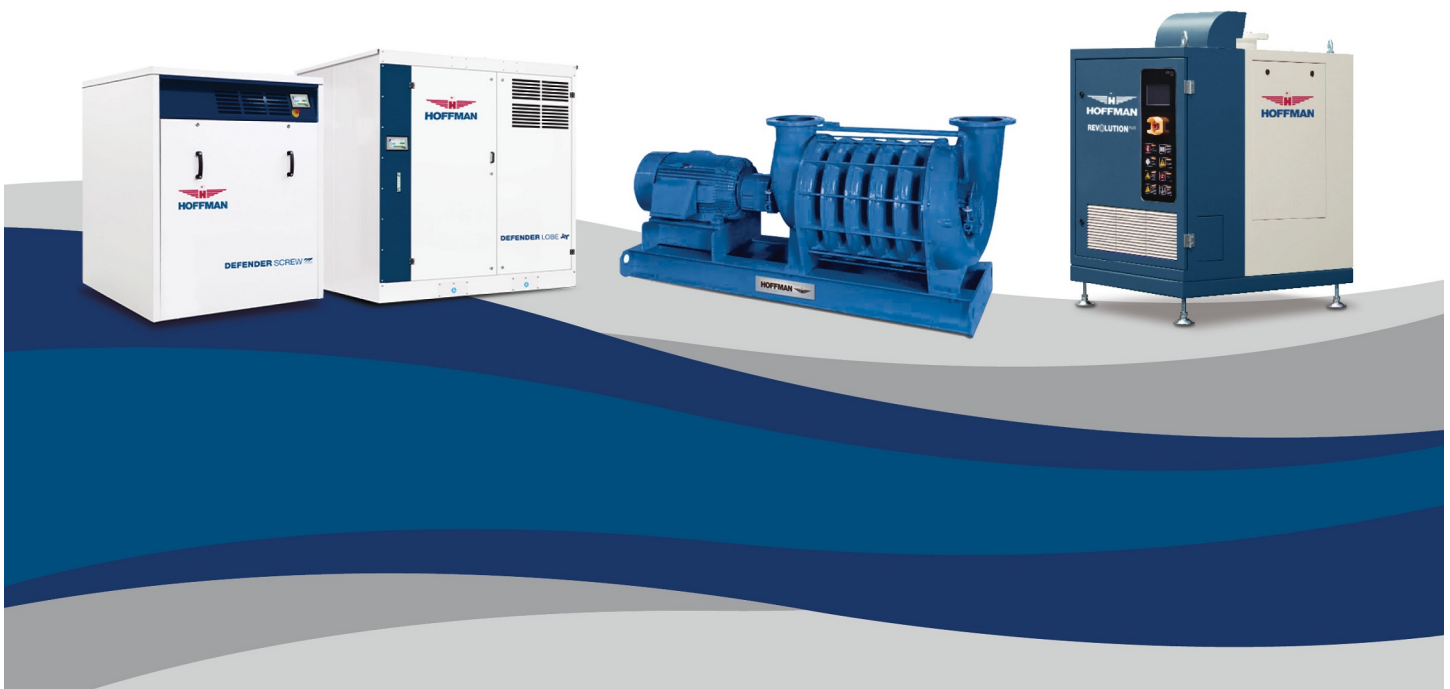




*Quote Reference # NASH-2602*

*Quote Valid Until : 12-23-2023 00:00:00 -0500*



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# 1 Pricing Summary

SCOPE OF SUPPLY				
Line#	Part Number	Description	Qty	Total Price
1.0	RFCPKG	GD TURBOTRON BLOWER/EXHAUSTER	1	\$26,538.32
2.0	FREIGHT	FREIGHT	1	\$510.00

Sales Tax 7.25%.....\$1924.03

Product Quote Amount	\$26,538.32
Freight Amount	
<b>Total Quote Amount</b>	<b>\$27,048.32</b>

\$28,972.35 w/ tax

## 2 General Terms

<b>Currency</b>	USD
<b>Payment Terms</b>	Upon Credit Approval: Less than \$100,000.00 Selling price, <ul style="list-style-type: none"><li>• 100% payment to be made net 30 days from shipment.</li></ul> Greater than \$100,000.00 Selling price, Progressive: <ul style="list-style-type: none"><li>• 10% payment due upon submittal of drawings</li><li>• 40% payment due 45 days prior to shipment</li><li>• 50% balance due 30 days after shipment</li><li>• All payments to be made net 30 days from date of invoice</li></ul>
<b>Lead Time (weeks)</b>	12.0
<b>Inco Term</b>	EXW - Ex Works
<b>Transfer of Ownership</b>	Origin – Seller Plant
<b>Freight Terms</b>	Prepaid

# 3 Technical Information



## 4 RFCPKG

### 4.1 Config Technical Details

#### MODEL:RFCPKG

##### Blower Characteristics :

Model	RFC9A: Turbotron	Motor Speed	3600 (60Hz)
Impeller Material	Cast	Stages	1
Application	Gas	Inlet Temp	90.0
Discharge Temp	151.0	Discharge Pressure	3.8
Package	Standard Package	Drive Position	Inlet Driven

##### Blower Options :

Shaft Material	Stainless Steel	Seal	Double Lip Gas Seal
Bearing Housing	Open Housing	Outlet Position	STD
Head/Section Material	Cast Aluminium	Head/Section Coating	Anodized Aluminum
Drive Orientation	Right Hand		

##### Impellers :

##### Options:

Paint Specification	Revolution Blue (Standard)	Radiant Heat Shield	No Shield Specified
Bearing Vibration Monitor	Standard Provision Only	Bearing Temp Monitor	Standard Provisions Only

##### Motors :

Model Name	RFC9A: Turbotron	HP	10
Enclosure	TEFC	Frame	215T
Drive Type	Belt Driven	Base	Standard
Base Options		Drive Coupling	
Element Size		Guard	UniGuard Belt Guard

##### Testing :

Certified Impeller Balance	Yes	Mechanical Run Test	Standard
Gas Head & Section Test	Yes		

##### Certifications :

##### Additional Blower Options :

Skid Wiring	No Wiring	Nameplate	Standard
Zinc Coat Prep	False	Non-Standard Paint	False

## 5 Supporting Documentation

Date: 7/12/2023

Project Name: TBT

Customer:

Sales Order Number:

Application Engineer:

Comment:

AMBIENT GAS PARAMETERS	ENGLISH UNITS	METRIC UNITS
Molecular Weight	27.992 lbm/lbmol	27.992 kg/kgmol
R Value	55.194 ft.lbf/lbm.R	0.297 kJ/kg.K
Density	0.067 lbm/ft^3	1.070 kg/m^3
Sp. Heat @ Const. P	0.295 BTU/lbm.R	1.234 kJ/kg.K
Ratio of Sp. Heats	1.330	1.330
Partial Pres. of Vapor	0.255	0.255

GAS MIX:	VOL
Air	1.00
Methane - CH4	35
Nitrogen - N2	36
Carbon Dioxide - CO2	27
Oxygen - O2	1

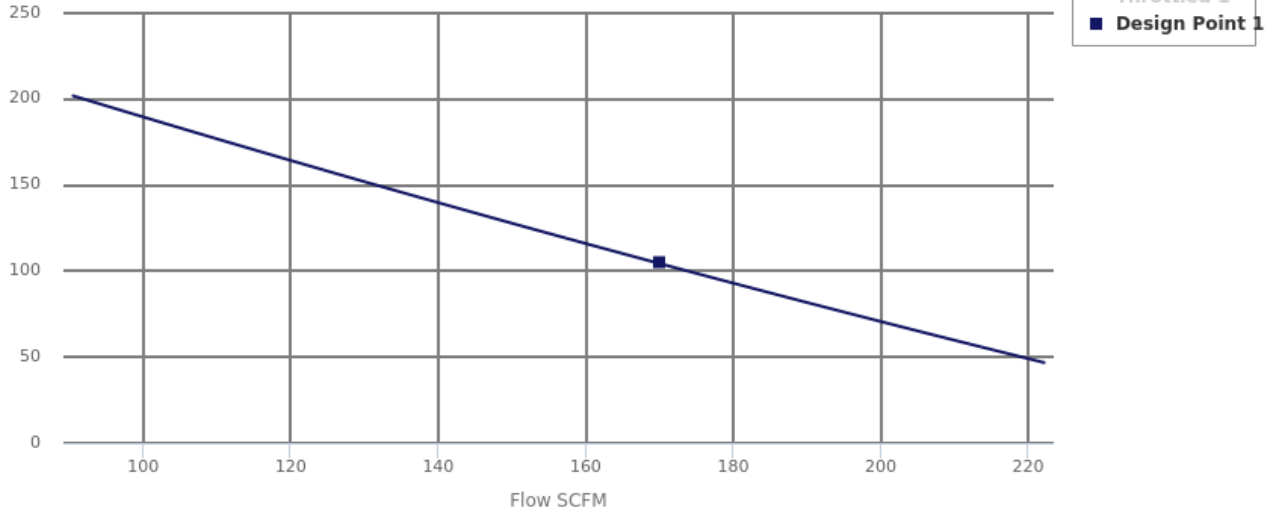
## Inlet Set 1

CORRECTED VALUES	ORIGINAL UNITS	ENGLISH UNITS	METRIC UNITS
Ambient Pressure	1160 ALTI-FT	14.08 PSIA	0.97 bar a
Relative Humidity	36%	36%	36%
Ambient Temperature	90 F	90.00 F	32.22 C
Inlet Pressure	8 InH2O	14.37 PSIA	19.93 mbar g
Inlet Flow	170 SCFM	183 ICFM	311 m3/h
Discharge Pressure	3.8 PSIG	3.80 PSIG	0.26 bar g
MEASURED VALUES	ORIGINAL UNITS	ENGLISH UNITS	METRIC UNITS
Surge Flow Rate	90 SCFM	97 ICFM	165 m3/h
Surge Pressure	7.30 PSIG	7.30 PSIG	0.50 bar g
Pressure Rise to Surge	3.50 PSIG	3.50 PSIG	0.24 bar g
Max. Vol. Turndown	46.79%	46.79%	46.79%
Pressure @ Design	3.80 PSIG	3.80 PSIG	0.26 bar g
Power @ Design	6.64 HP	6.64 HP	4.95 KW
Efficiency @ Design	43.60%	43.60%	43.60%
Temperature @ Design	151.37 F	151.37 F	66.32 C



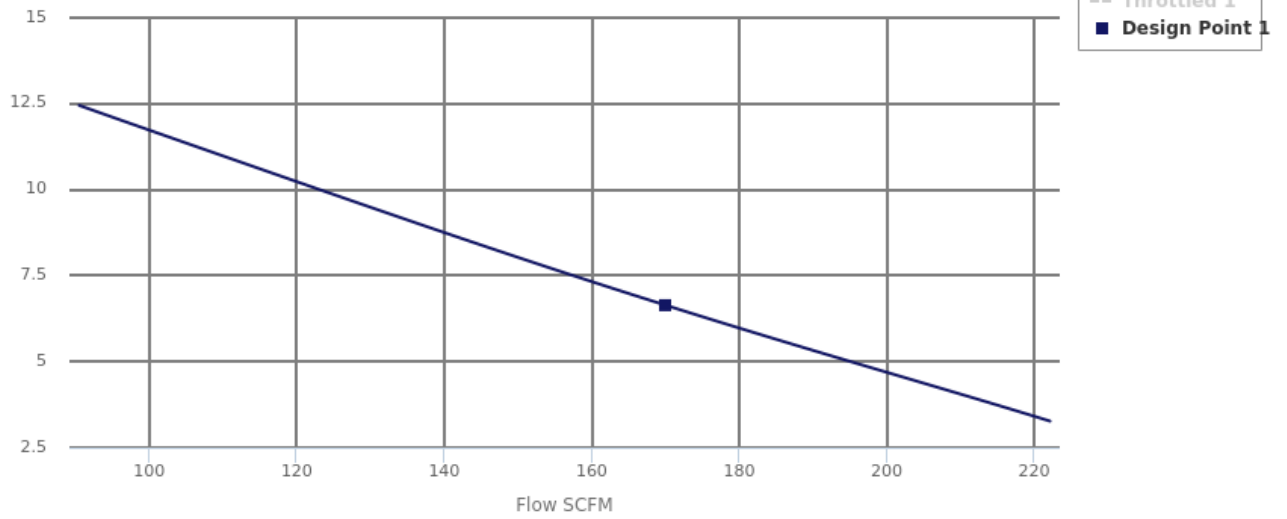


Static Discharge Pressure InH2O



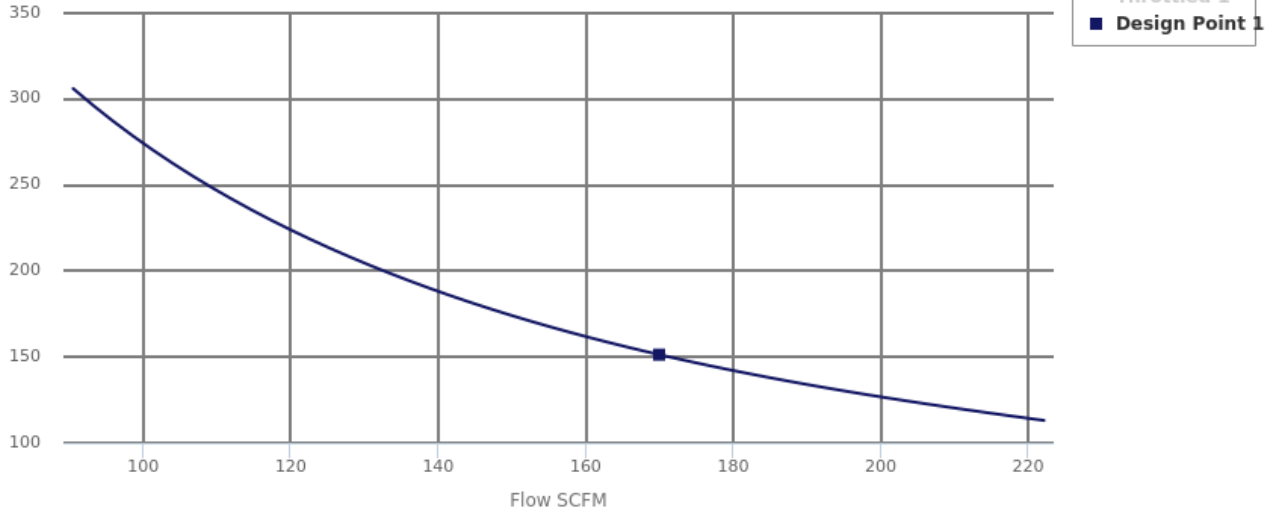
Highcharts.com

Shaft Power HP



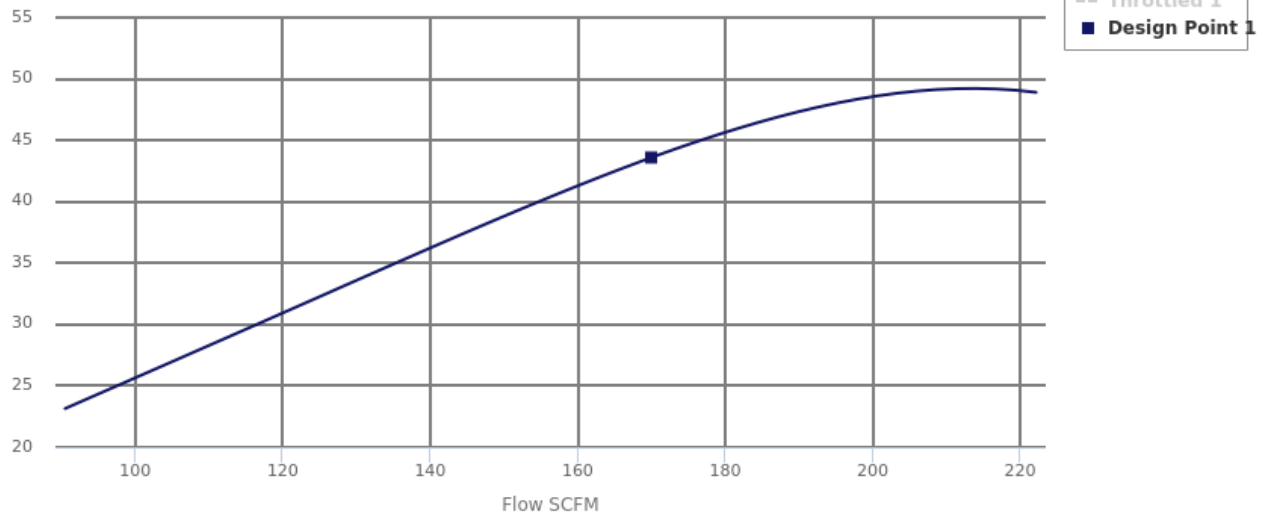
Highcharts.com

Temperature °F



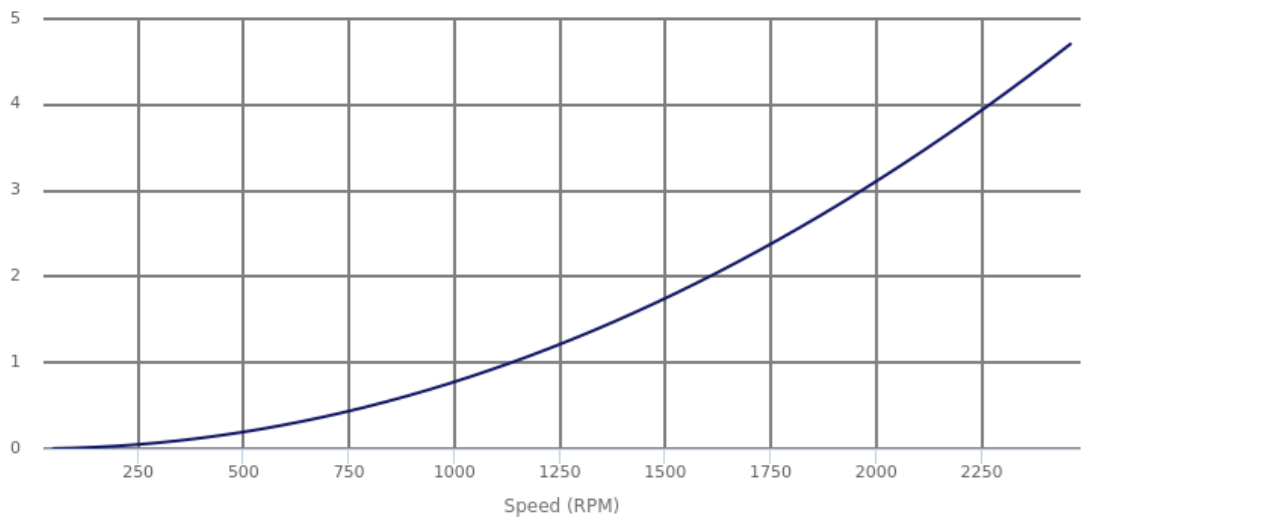
Highcharts.com

Static Efficiency %



Highcharts.com

Torque ft-lb



Highcharts.com

## 6 Terms and Conditions

<https://www.gardnerdenver.com/en-us/hoffmanandlamson/about-us/download-library>