

ENGINEERING DEPARTMENT

Record Descriptive Specifications - Turbine

13588
13589
Turbine No. 13590

Gear No. V-27

S.O. 40164-B

Purchased By American Blower Corp., Detroit, Michigan
For Oklahoma A & M College, Stillwater, Oklahoma

E- 151062

Date 2/6/48

H.P. St. Conn. 2" R.H.	Governor Std. Small
L.P. St. Conn. none	Speed Changer hand
Exh. Conn. 6" L.H.	Emerg. Gov. yes
Extrac. Conn. none	Trip Mech. Std
Steam Strainer Built-in	Low Oil Pr. Trip none
Shaft Size 2" Dia.	Thrust Brg. in gear case
St. End Pkg. 4 Rings	St. End Brg. Bracket
Diaph. Pkg. none	Exh. End Brg. in gear case
Exh. End Pkg. 4 Rings	Water Cooled Brgs. yes
Superheat Parts see below	

Valve Sizes (Order of opening)	
Inlet	Extraction
1. see below	
2.	2.
3.	3.
4.	4.
5.	
6.	
7.	
Hand Valves	
1 - 2-1/4"	
Valve location on nozzle sheet	

Name Plate Rating
Type 2 AYR
Hp. ~~XX~~: 13
R.p.m. 4200
St. Press. 250 psig
St. Temp. 600 °F.
Exh. Press. 10 psig
Exh. Vac. -- In. Hg..
Extrac. Press. -- psig
Rotation L.H.

Instruction Books - Special or No.

Special Construction

Use 1/2" single seated valve similiar to 2-633981
Cast steel steam chest & steam end for 600°F.
1/16" orifice in gear brg. oil press lines
Rotor assembly for 6190 r.p.m. max. trip speed
H.V. for 6.5 hp. all other condition the same
Mount purchaser's half coupling
Insulation & C.R.S. painted lagging
Gov. wts. for 4040 r.p.m. operating speed
5100 r.p.m. trip

Soleplate-644830

Outline-Y-625480

Gears	Size 6 x 4	B.H.P. 16	Ratio 2.79	Speeds 4200/1500
Baseplate	C.I. Combining plate under	Soleplates Plain Flats steel under	Turb. & Gear	
Couplings	H.S. none	Turb. & Gear	L.S. Nut furnished	
Oil System	Pump Size .250	Gal./100r.p.m. Driven From Gear	Piping Material Thin Wall	
Oil Tank	in gear case	Oil Strainer Cuno	F.F. Turbine Brgs. no	
Oil Cooler	Gross RV-25	Auxiliary Pump none	F.F. Driven Mach. Brgs. none	

Driven Machine

F.D. Fan (Nut furnished)

Auxiliary Apparatus

3 - Gross RV-25 Oil Cooler (Stock)

3 - Cuno Micro-kleen Oil Filter P.O. #60162

Copies

Spec.
Turb. Eng.
Turb. Sales
V-27 Gear

ENGINEERING DEPARTMENT

Record Descriptive Specifications - Turbine

13585
13586
Turbine No. 13587

Gear No. V-27

S.O. 40164-A

Purchased By American Blower Corp., Detroit, Michigan

E- 151062

For Oklahoma A & M College, Stillwater, Oklahoma

Date 2/6/48

		Valve Sizes (Order of opening)		Name Plate Rating
		Inlet	Extraction	
H.P. St. Conn. 2" R.H.	Governor Std. small	1. 3/4" Fluted		Type 2 AYR
L.P. St. Conn. none	Speed Changer hand	2.	2.	Hp. KXX 26
Exh. Conn. 6" L.H.	Emerg. Gov. yes	3.	3.	R.p.m. 3850
Extrac. Conn. none	Trip Mech. std.	4.	4.	St. Press. 250 psig
Steam Strainer Built-in	Low Oil Pr. Trip none	5.		St. Temp. 600 °F.
Shaft Size 2" Dia.	Thrust Brg. in gear case	6.		Exh. Press. 10 psig
St. End Pkg. 4 Rings	St. End Brg. Bracket	7.		Exh. Vac. -- In. Hg.
Diaph. Pkg. none	Exh. End Brg. in gear case	Hand Valves		Extrac. Press. -- psig
Exh. End Pkg. 4 Rings	Water Cooled Brgs. yes	1 - 2-1/4"		Rotation R.H.
Superheat Parts see below		Valve location on nozzle sheet		

Instruction Books - Special or No.

Special Construction

Cast Steel Steam Chest & Steam End for 600°F.
Mount purchaser's half coupling
Insulation & C.R.S. painted lagging
H.V. for 13 hp. all other conditions same
1/16" orifice in gear bearing oil press lines
Rotor assembly for 6190 r.p.m. max. trip speed.
Gov. wts. for 4040 r.p.m. operating speed
4650 r.p.m. trip

Journal to 7.5 - 0.2100
3/4"
WB
4-12-62

Soleplate-S-644830
Outline-Y-625480

Gears	Size 6 x 4	B.H.P. 26	Ratio 4.13/1	Speeds 3850/932
Baseplate	C.I. Combining plate	under Soleplates	Plain Flat under Turb. & Gear	
Couplings	H.S. none	Turb. & Gear	L.S. Nut furnished	
Oil System	Pump Size .5	Gal./100r.p.m. Driven From	Gear	Piping Material Thin Wall St
Oil Tank	in gear case	Oil Strainer	Cuno	F.F. Turbine Brgs. no Tub
Oil Cooler	Gross RV-25	Auxiliary Pump	none	F.F. Driven Mach. Brgs. none
Driven Machine				

I. D. Fan (Not Furnished)

Auxiliary Apparatus

3 - Gross Oil Cooler RV-25 (stock)

3 - Cuno Micro-kleen oil filter P.O. #60162

Copies

Spec.
Turb. Eng.
Turb. Sales
V-27 Gear

ET-000018

ENGINEERING DEPARTMENT

Record Descriptive Specifications - Turbine

13585
13586
Turbine No. 13587

Gear No. V-27

S.O. 40164-A

Purchased By American Blower Corp., Detroit, Michigan

E- 151062

For Oklahoma A & M College, Stillwater, Oklahoma

Date 2/6/48

H.P. St. Conn. 2" R.H. Governor Std. small
L.P. St. Conn. none Speed Changer hand
Exh. Conn. 6" L.H. Emerg. Gov. yes
Extrac. Conn. none Trip Mech. std.
Steam Strainer Built-in Low Oil Pr. Trip none
Shaft Size 2" Dia. Thrust Brg. in gear case
St. End Pkg. 4 Rings St. End Brg. Bracket
Diaph. Pkg. none Exh. End Brg. in gear case
Exh. End Pkg. 4 Rings Water Cooled Brgs. yes
Superheat Parts see below

Instruction Books - Special or No.

Special Construction

Cast Steel Steam Chest & Steam End for 600°F.
Mount purchaser's half coupling
Insulation & C.R.S. painted lagging
H.V. for 13 hp. all other conditions same
1/16" orifice in gear bearing oil press lines
Rotor assembly for 6190 r.p.m. max. trip speed.
Gov. wts. for 4040 r.p.m. operating speed
4650 r.p.m. trip

Valve Sizes (Order of opening)	
Inlet	Extraction
1. 3/4" Fluted	2.
2.	3.
3.	4.
4.	5.
5.	6.
6.	7.
Hand Valves	
1 - 2-1/4"	
Valve location on nozzle sheet	

Name Plate Rating

Type 2 AYR
Hp. ~~KXX~~ 26
R.p.m. 3850
St. Press. 250 psig
St. Temp. 600 °F.
Exh. Press. 10 psig
Exh. Vac. -- In. Hg.
Extrac. Press. -- psig
Rotation R.H.

Handwritten:
3/4" 7.5" V>100
WB
4-12-62

Soleplate-S-644830

Outline-Y-625480

Gears	Size 6 x 4	B.H.P. 26	Ratio 4.13/1	Speeds 3850/932
Baseplate	C.I. Combining plate	under Soleplates	Plain Flat	under Turb. & Gear
Couplings	H.S. none	Turb. & Gear	L.S. Nut	furnished
Oil System	Pump Size .5	Gal./100r.p.m.	Driven From	Gear
Oil Tank	in gear case	Oil Strainer	Cuno	
Oil Cooler	Gross RV-25	Auxiliary Pump	none	
Driven Machine				
				Piping Material Thin Wall St
				F.F. Turbine Brgs. no Tub
				F.F. Driven Mach. Brgs. none

I. D. Fan (Not Furnished)

Auxiliary Apparatus

3 - Gross Oil Cooler RV-25 (stock)

3 - Cuno Micro-kleen oil filter P.O. #60162

Copies

Spec.
Turb. Eng.
Turb. Sales
V-27 Gear

ET-000028

ENGINEERING DEPARTMENT

Record Descriptive Specifications - Turbine

13588
13589
Turbine No. 13590

Gear No. V-27

S.O. 40164-B

Purchased By American Blower Corp., Detroit, Michigan

E- 151062

For Oklahoma A & M College, Stillwater, Oklahoma

Date 2/6/48

H.P. St. Conn.	2" R.H.	Governor	Std. Small	Valve Sizes (Order of opening)		Name Plate Rating
				Inlet	Extraction	
L.P. St. Conn.	none	Speed Changer	hand	1. see below	2.	Type 2 AYR
Exh. Conn.	6" L.H.	Emerg. Gov.	yes	2.	3.	Hp. XXX 13
Extrac. Conn.	none	Trip Mech.	Std	3.	4.	R.p.m. 4200
Steam Strainer	Built-in	Low Oil Pr. Trip	none	4.	5.	St. Press. 250 psig
Shaft Size	2" Dia.	Thrust Brg.	in gear case	5.	6.	St. Temp. 600 °F.
St. End Pkg.	4 Rings	St. End Brg.	Bracket	6.	7.	Exh. Press. 10 psig
Diaph. Pkg.	none	Exh. End Brg.	in gear case	Hand Valves		Exh. Vac. -- In. Hg.
Exh. End Pkg.	4 Rings	Water Cooled Brgs.	yes	1 - 2-1/4		Extrac. Press. -- psig
Superheat Parts	see below			Valve location on nozzle sheet		Rotation L.H.

Instruction Books - Special or No.

Special Construction

Use 1/2" single seated valve similiar to 2-633981
Cast steel steam chest & steam end for 600°F.
1/16" orifice in gear brg. oil press lines
Rotor assembly for 6190 r.p.m. max. trip speed
H.V. for 6.5 hp. all other condition the same
Mount purchaser's half coupling
Insulation & C.R.S. painted lagging
Gov. wts. for 4040 r.p.m. operating speed
5100 r.p.m. trip

Soleplate-644830

Outline-Y-625480

Gears	Size 6 x 4	B.H.P. 16	Ratio 2.79	Speeds 4200/1500
Baseplate	C.I. Combining plate under	Soleplates Plain Flats	steel under Turb. & Gear	
Couplings	H.S. none	Turb. & Gear	L.S. Nut furnished	
Oil System	Pump Size .250	Gal./100r.p.m. Driven From Gear	Piping Material Thin Wall S	
Oil Tank in gear case		Oil Strainer Cuno	F.F. Turbine Brgs. no	
Oil Cooler	Gross RV-25	Auxiliary Pump none	F.F. Driven Mach. Brgs. none	

Driven Machine

F.D. Fan (Nut furnished)

Auxiliary Apparatus

3 - Gross RV-25 Oil Cooler (Stock)

3 - Cuno Micro-kleen Oil Filter P.O. #60162

Copies

Spec.
Turb. Eng.
Turb. Sales
V-27 Gear

ET-000020

S.O. 40164-A

TURBINE

DEPT. (BY REL) 12-12-47
(DATE ISSUED)

E- 151062

DESIRED SHIPPING DATE _____ SCHEDULED SHIPPING DATE AUGUST 1948TYPE OF PLANT POWER NO. UNITS THREE SOLD WITH _____
(GIVE M.O. OR S.O. NOS. OTHER EQUIP.)

FORM 1081-B TURBINES

SERVICE RECORD	USER OKLAHOMA A & M COLLEGE		SER. NO. 13585 13586 13587
	SHIPPED	STATE OKLAHOMA CITY STILLWATER	S.O. 40164-A
	PURCHASER AMERICAN BLOWER CORP.		GEAR SER. NO. -----
	ADDRESS DETROIT, MICHIGAN		
TURB. ROTATION (FACING GOV.)	ENGINEER COSTON & FRANKFURT	E- 151062	
	P.O. A-85048-66260 DATED 11-26-47	DATE 12-12-47	
REVERSE	H.P. 26	TYPE TURB. 2AYR	GEAR V-27
COUNTER CLOCK	R.P.M. TURB. 3820	R.P.M. GEAR 932 (4.1:1)	
GENERATOR	TYPE GOV. STANDARD & EMERGENCY		BEARINGS -- (R.O.) --
M.O.	STEAM CONDITIONS 250° - 600° F.T.T. - 10° B.P.		
SERIAL	HAND VALVES ONE	EXH. (FACING GOV.) -- (R.H.) -- ONE	
EXCITER	CASING MATERIAL HALF & HALF		
M.O.	DRIVEN MACHINE I. D. FAN		
SERIAL			

SUPERHEAT FARTS ☒ YES ☐ NO ☒ 800° ☐ 750° ☐ SPECIAL

HAND SPEED CHANGER ☒ YES ☐ NO ☐ SPEED RANGE **PLUS OR MINUS 5%**

PRESS. REG. ☐ YES ☒ NO ☐ CONST. ☐ EXCESS ☐ BUILT-IN ☐ SEPARATE ☐ SPECIAL

PRESS. REG. CONDITIONS _____ #G PUMP DISCH. PR. _____ # EXCESS PR.

MOUNT PURCHASER'S HALF COUPLING ☒ YES ☐ NO

TURB. (OR GEAR) SHAFT END ☒ STD. ☐ SPECIAL

GEAR OFFSET (FACING GOV.) ☐ RIGHT ☐ LEFT ☒ VERT.

RANGE OF VAR. SPEED OIL GOV. _____ TO _____ RPM.

BASEPLATE ☐ YES ☒ NO SOLEPLATE ☒ YES ☐ NO DRIP RIM ☐ YES ☒ NO ☐ SPEC.

INSULATION & LAGGING ☒ YES ☐ NO ☒ PAINTED ☐ STNLS. STEEL ☐ SPEC.

DRIVEN MACHINE COUPLING ☐ YES ☒ NO ☐ SPEC.

DRIVEN MACHINE FURNISHED BY ☐ ELLIOTT ☒ PURCHASER. MOUNT DRIVEN MACHINE ☐ YES ☒ NO

STEAM STRAINER ☒ STD. ☐ SPEC.

COUPLING BETWEEN TURB. & GEAR ☐ STD. ☒ SPEC. **BUILT-IN GEAR**

OIL COOLER ☒ STD. ☐ SPEC. WATER TEMP. _____ °F ☐ FRESH ☐ SALT

H. V. SETTING **FOR 13 H.P., ALL OTHER CONDITIONS THE SAME.**

SPECIAL

FIRM PRICE
CUM OIL FILTER

3-47 70032 @ Dittosforms

PROVIDE <u>13</u> PRINTS FOR (APPROVAL) APPROVAL	FIELD WORK
PROVIDE <u>1</u> INSTRUCTION BOOKS ☐ PAINTING REQUIREMENTS <u>23 402</u>	☒ NONE
PAINTING REQUIREMENTS: ☒ STD. ☐ SPEC.	☐ SUP'T. ONLY
TEST OR INSPECTION <u>NONE</u>	☐ COMPLETE ERECTION
SHIPPING PREPARATION: ☒ STD. ☐ SPEC.	APPROVAL
CONTRACT PRICE _____ UNIT CONTRACT PRICE _____ UNIT WEIGHT <u>14904</u>	APPROVED BY _____ DATE _____
TERMS: ☒ NET 30 DAYS ☐ STD. CONTRACT ☐ PENALTY ☐ BOND REQUIRED	ENGINEER <u>7271 5/7/48</u>
☐ SPECIAL	

ET-000019

ORDER RECORD

S.O. 40164-B

TURBINE

DEPT. (BY NEL)

12-12-47

(DATE ISSUED)

E- 151062

DESIRED SHIPPING DATE _____ SCHEDULED SHIPPING DATE AUGUST 1948TYPE OF PLANT POWER NO. UNITS THREE SOLD WITH _____
(GIVE M.O. OR S.O. NOS. OTHER EQUIP.)

FORM 1081-B TURBINES

SERVICE RECORD	USER	SER. NO.
	OKLAHOMA A & M COLLEGE	13588 13589 13590
SHIPPED	STATE <u>OKLA.</u> CITY <u>STILLWATER</u>	S.O. <u>40164-B</u>
	PURCHASER <u>AMERICAN BLOWER CORP.</u>	GEAR SER. NO. <u>-----</u>
	ADDRESS <u>DETROIT, MICHIGAN</u>	
TURB. ROTATION (FACING GOV.)	ENGINEER <u>COSTON & FRANKFURT</u>	E- <u>151062</u>
	P.O. <u>A-89048-86200</u> DATED <u>11-26-47</u>	DATE <u>12-12-47</u>
CLOCKWISE	H.P. <u>13</u> TYPE TURB. <u>2AYR</u>	GEAR <u>V-27</u>
REVERSE	R.P.M. TURB. <u>4200</u> R.P.M. GEAR <u>1500 (2.8 = 1)</u>	
GENERATOR	TYPE GOV. <u>STANDARD & EMERGENCY</u>	BEARINGS - (R.O.) - <u>---</u>
M.O.	STEAM CONDITIONS <u>250% - 600°F.T.T. - 10#B.P.</u>	
SERIAL	HAND VALVES <u>ONE</u>	E.H. (FACING GOV.) - (R.H.) - <u>(S)</u>
EXCITER	CASING MATERIAL <u>HAIR & HAIR</u>	
M.O.	DRIVEN MACHINE <u>F. D. FAN</u>	
SERIAL		

SUPERHEAT PARTS ☒ YES ☐ NO ☐ 600° ☐ 750° ☐ SPECIAL _____

HAND SPEED CHANGER ☒ YES ☐ NO ☐ SPEED RANGE PLUS OR MINUS 5%

PRESS. REG. ☐ YES ☒ NO ☐ CONST. ☐ EXCESS ☐ BUILT-IN ☐ SEPARATE ☐ SPECIAL _____

PRESS. REG. CONDITIONS _____ 3/4 PUMP DISCH. PR. _____ 1/2 EXCESS PR.

MOUNT PURCHASER'S HALF COUPLING ☒ YES ☐ NO

TURB. (OR GEAR) SHAFT END ☒ STD. ☐ SPECIAL _____

GEAR OFFSET (FACING GOV.) ☐ RIGHT ☐ LEFT ☒ VERT.

RANGE OF VAR. SPEED OIL GOV. _____ TO _____ RPM.

BASEPLATE ☐ YES ☒ NO SOLEPLATE ☒ YES ☐ NO DRIP RIM ☐ YES ☒ NO ☐ SPEC. _____

INSULATION & LAGGING ☒ YES ☐ NO ☒ PAINTED ☐ STNLS. STEEL ☐ SPEC. _____

DRIVEN MACHINE COUPLING ☐ YES ☒ NO ☐ SPEC. _____

DRIVEN MACHINE FURNISHED BY ☐ ELLIOTT ☒ PURCHASER. MOUNT DRIVEN MACHINE ☐ YES ☒ NO

STEAM STRAINER ☒ STD. ☐ SPEC. _____

COUPLING BETWEEN TURB. & GEAR ☐ STD. ☒ SPEC. BUILT-IN GEAR

OIL COOLER ☒ STD. ☐ SPEC. _____ WATER TEMP. _____ °F ☐ FRESH ☐ SALT

H. V. SETTING FOR 6.5 H.P., ALL OTHER CONDITIONS THE SAME.

SPECIAL

FIRM PRICE
CUM OIL FILTER

3-47 70032 © Dittoforms

PROVIDE <u>13</u> PRINTS FOR (APPROVAL) <u>RECORDS</u>	FIELD WORK
PROVIDE <u>1</u> INSTRUCTION BOOKS PAINTING REQUIREMENTS <u>PS-402</u>	☒ NONE
PAINTING REQUIREMENTS: ☒ STD. ☐ SPEC. _____	☐ SUP'T. ONLY
TEST OR INSPECTION <u>ACME</u>	☐ COMPLETE ERECTION
SHIPPING PREPARATION: ☒ STD. ☐ SPEC. _____	APPROVAL
CONTRACT PRICE _____ UNIT CONTRACT PRICE _____ UNIT WEIGHT <u>14904</u>	APPROVE BY _____ DATE _____
TERMS: ☒ NET 30 DAYS ☐ STD. CONTRACT ☐ PENALTY ☐ BOND REQUIRED	ENGINEER <u>ACME</u> <u>5/2/48</u>
☐ SPECIAL _____	

ET-000021

ORDER RECORD

S.O. 40164-A~~TURBINE~~DEPT. (BY PKL) 12-12-47

(DATE ISSUED)

E- 151062DESIRED SHIPPING DATE _____ SCHEDULED SHIPPING DATE AUGUST 1948TYPE OF PLANT POWER NO. UNITS THREE SOLD WITH _____
(GIVE M.O. OR S.O. NOS. OTHER EQUIP.)

FORM 1081-B TURBINES

SERVICE RECORD	USER	SER. NO.
	OKLAHOMA A & M COLLEGE	13585
SHIPPED	STATE <u>OKLAHOMA</u> CITY <u>STILLWATER</u>	S.O. <u>40164-A</u>
	PURCHASER <u>AMERICAN BLOWER CORP.</u>	GEAR SER. NO. <u>-----</u>
	ADDRESS <u>DETROIT, MICHIGAN</u>	
TURB. ROTATION (FACING GOV.)	ENGINEER <u>COSTON & FRANKFURT</u>	E- <u>151062</u>
	P.O. <u>A-89048-66200</u> DATED <u>11-26-47</u>	DATE <u>12-12</u>
SECURITE	H.P. <u>26</u> TYPE TURB. <u>2AYR</u>	GEAR <u>V-27</u>
COUNTER CLOCK	R.P.M. TURB. <u>3820</u> R.P.M. GEAR <u>932 (4.1" I)</u>	
GENERATOR	TYPE GOV. <u>STANDARD & EMERGENCY</u> BEARINGS - (R.O.) - <u>-----</u>	
M.O.	STEAM CONDITIONS <u>250° - 600° F.T.T. - 10° B.P.</u>	
SERIAL	HAND VALVES <u>ONE</u> EXH. (FACING GOV.) - (R.H.) - <u>-----</u>	
EXCITER	CASING MATERIAL <u>HAIR & HAIR</u>	
M.O.	DRIVEN MACHINE <u>I. D. PAN</u>	
SERIAL		

SUPERHEAT PARTS ☒ YES ☐ NO ☒ 600° ☐ 700° ☐ SPECIAL _____

HAND SPEED CHANGER ☒ YES ☐ NO ☐ SPEED RANGE PLUS OR MINUS 5%

PRESS. REG. ☐ YES ☒ NO ☐ CONST. ☐ EXCESS ☐ BUILT-IN ☐ SEPARATE ☐ SPECIAL _____

PRESS. REG. CONDITIONS _____ #G PUMP DISCH. PR. _____ # EXCESS PR. _____

MOUNT PURCHASER'S HALF COUPLING ☒ YES ☐ NO

TURB. (OR GEAR) SHAFT END ☒ STD. ☐ SPECIAL _____

GEAR OFFSET (FACING GOV.) ☐ RIGHT ☐ LEFT ☒ VERT.

RANGE OF VAR. SPEED OIL GOV. _____ TO _____ RPM.

BASEPLATE ☐ YES ☒ NO ☐ SOLEPLATE ☒ YES ☐ NO ☐ DRIP RIM ☐ YES ☒ NO ☐ SPEC. _____

INSULATION & LAGGING ☒ YES ☐ NO ☒ PAINTED ☐ NO ☐ STNLS. STEEL ☐ SPEC. _____

DRIVEN MACHINE COUPLING ☐ YES ☒ NO ☐ SPEC. _____

DRIVEN MACHINE FURNISHED BY ☐ ELLIOTT ☒ PURCHASER. MOUNT DRIVEN MACHINE ☐ YES ☒ NO

STEAM STRAINER ☒ STD. ☐ SPEC. _____

COUPLING BETWEEN TURB. & GEAR ☐ STD. ☒ SPEC. BUILT-IN GEAR

OIL COOLER ☒ STD. ☐ SPEC. _____ WATER TEMP. _____ °F ☐ FRESH ☐ SALT

H. V. SETTING FOR 13 H.P., ALL OTHER CONDITIONS THE SAME.

SPECIAL

FIRM PRICE
CUM OIL FILTER

3-47 70032 @ Dittiforms

PROVIDE <u>13</u> PRINTS FOR (APPROVAL) <u>EXCITER</u>	FIELD WORK
PROVIDE <u>1</u> INSTRUCTION BOOKS PAINTING REQUIREMENTS <u>PS 402</u>	☒ NONE
PAINTING REQUIREMENTS: ☒ STD. ☐ SPEC. _____	☐ SUP'T. ONLY
TEST OR INSPECTION <u>NONE</u>	☐ COMPLETE ERECTION
SHIPPING PREPARATION: ☒ STD. ☐ SPEC. _____	APPROVAL
CONTRACT PRICE _____ UNIT CONTRACT PRICE _____ UNIT WEIGHT <u>14904</u>	APPROVED BY _____ DATE _____
TERMS: ☒ NET 30 DAYS ☐ STD. CONTRACT ☐ PENALTY ☐ BOND REQUIRED	ENGINEER <u>8/27/48</u> <u>577/48</u>
☐ SPECIAL _____	

ET-000029

ORDER RECORD

S.O. 40164-B

TURBINE

DEPT. (BY REL)

12-12-47

(DATE ISSUED)

E- 151062

DESIRED SHIPPING DATE _____ SCHEDULED SHIPPING DATE AUGUST 1948TYPE OF PLANT POWER NO. UNITS THREE SOLD WITH _____
(GIVE M.O. OR S.O. NOS. OTHER EQUIP.)

FORM 1081-B TURBINES

SERVICE RECORD	USER	OKLAHOMA A & M COLLEGE		SER. NO.	13588 13589 13590	
	SHIPPED	STATE	OKLA.	CITY	STILLWATER	
		PURCHASER	AMERICAN BLOWER CORP.		S.O.	40164-B
		ADDRESS	DETROIT, MICHIGAN		GEAR SER. NO.	-----
TURB. ROTATION (FACING GOV.)	ENGINEER	COSTON & FRANKFORT		E-	151062	
	P.O.	A-89048-66200		DATED	11-26-47	
CLOCKWISE	H.P.	13	TYPE TURB.	2A/R	GEAR	V-27
REVERSE	R.P.M. TURB.	4200	R.P.M. GEAR	1500 (2.8 = 1)		
GENERATOR	TYPE GOV.	STANDARD & EMERGENCY		BEARINGS -- (S.O.) --		
M.O.	STEAM CONDITIONS	250° - 600° F.T.T. - 10# B.P.				
SERIAL	HAND VALVES	ONE				
	EXCITER	CASING MATERIAL HALF & HALF				
M.O.	DRIVEN MACHINE	F. D. FAN				
SERIAL						

SUPERHEAT PARTS ☒ YES ☐ NO ☐ 600° ☐ 750° ☐ SPECIAL _____
 HAND SPEED CHANGER ☒ YES ☐ NO ☐ SPEED RANGE PLUS OR MINUS 5%
 PRESS. REG. ☐ YES ☒ NO ☐ CONST. ☐ EXCESS ☐ BUILT-IN ☐ SEPARATE ☐ SPECIAL _____
 PRESS. REG. CONDITIONS _____ 1/2 G PUMP DISCH. PR. _____ 1/2 EXCESS PR.
 MOUNT PURCHASER'S HALF COUPLING ☒ YES ☐ NO
 TURB. (OR GEAR) SHAFT END ☒ STD. ☐ SPECIAL _____
 GEAR OFFSET (FACING GOV.) ☐ RIGHT ☐ LEFT ☒ VERT.
 RANGE OF VAR. SPEED OIL GOV. _____ TO _____ RPM.
 BASEPLATE ☐ YES ☒ NO SOLEPLATE ☒ YES ☐ NO DRIP RIM ☐ YES ☒ NO ☐ SPEC. _____
 INSULATION & LAGGING ☒ YES ☐ NO ☒ PAINTED ☐ STILLS. STEEL ☐ SPEC. _____
 DRIVEN MACHINE COUPLING ☐ YES ☒ NO ☐ SPEC. _____
 DRIVEN MACHINE FURNISHED BY ☐ ELLIOTT ☒ PURCHASER. MOUNT DRIVEN MACHINE ☐ YES ☒ NO
 STEAM STRAINER ☒ STD. ☐ SPEC. _____
 COUPLING BETWEEN TURB. & GEAR ☐ STD. ☒ SPEC. BUILT-IN GEAR
 OIL COOLER ☒ STD. ☐ SPEC. _____ WATER TEMP. _____ °F ☐ FRESH ☐ SALT
 H. V. SETTING FOR 6.5 H.P., ALL OTHER CONDITIONS THE SAME.

SPECIAL

FIRM PRICE
CUM OIL FILTER

3-47 70032 © Dittoforms

PROVIDE <u>13</u> PRINTS FOR (APPROVAL) <u>(200543)</u>	FIELD WORK
PROVIDE <u>1</u> INSTRUCTION BOOKS PAINTING REQUIREMENTS <u>PS-402</u>	☒ NONE
PAINTING REQUIREMENTS: ☒ STD. ☐ SPEC. _____	☐ SUPT. ONLY
TEST OR INSPECTION <u>NONE</u>	☐ COMPLETE ERECTION
SHIPPING PREPARATION: ☒ STD. ☐ SPEC. _____	APPROVAL
CONTRACT PRICE _____ UNIT CONTRACT PRICE _____ UNIT WEIGHT <u>18004</u>	APPROVED BY _____ DATE _____
TERMS: ☒ NET 30 DAYS ☐ STD. CONTRACT ☐ PENALTY ☐ BOND REQUIRED	SINEER <u>ACM</u> <u>5/21/48</u>

3.27

CUSTOMER'S
ORDER NO. & DATE A-89048-66200 11-26-47
EQUISTION NO.
CONTRACT NO.

OUR ORDER NO E-151062

AMERICAN BLOWER CORPORATION
P.O. BOX 58 ROOSEVELT PARK ANNEX
DETROIT, MICHIGAN

SHIPPED TO
AND
ESTINATION

MALCOM MURPHY BOILER & HEATING COMPANY
C/O OKLAHOMA A & M POWER PLANT
STILLWATER, OKLAHOMA

TATE OF

ATE SHIPPED 11-30-48

AR INITIALS & NO. PRR--103569

FROM JEANNETTE, PENNA.

SOLD BY DETROIT
TULSA

PREPAID OR COLLECT
X X X X X X X X
& CHARGE

OW SHIPPED FREIGHT - PREPAID CHGS. 366.21 TAX 10.99
OUTE
ERMS: NET 30 DAYS F.O.B. TRANSIT DESTA (NO CASH DISCOUNT ALLOWED)

QUANTITY	DESCRIPTION	SERIAL NUMBER	CAT. - DWG. NUMBER	AMOUNT SHIPPED	DATE	REMARKS
3	26 H.P., 3820/932 R.P.M., FORM 2 AYE TURB. V-27 GEAR EQUIPPED WITH STANDARD & EMERG. GOVERNORS, SUPERHEAT PARTS, HAND SPEED CHANGER, PURCHASER'S HALF COUPLING MOUNTED, INSULATION & PAINTED LAGGING, HAND VALVE, CUNO "MICRO KLEAN" OIL FILTER - MARK ITEM #5	13585 X 13586 X 13587 X	40164-A	XXX	1948	
	NORMAL STEAM CONDITIONS 250# - 600° F.T.T. - 10#B.P.					
3	13 H.P., 4200/1500 R.P.M., FORM 2 AYE TURB. V-27 GEAR, EQUIPPED WITH STANDARD & EMERG. GOVERNORS, HAND VALVE, SUPERHEAT PARTS, HAND SPEED CHANGER, PURCHASER'S HALF COUPLING, MOUNTED, INSULATION & PAINTED LAGGING, CUNO "MICRO KLEAN" OIL FILTER	13588 X 13589 X 13590 X	40164-B	3		
	NORMAL STEAM CONDITIONS 250# - 600° F.T.T. - 10#B.P. MARK: ITEM #8 MARK: P.O. AM-105" MARK: F.O. A-89048-66220					
	6-CRATES 11700# PKG. ATT. CONTAINING 1-SET TURBINE WRENCHES					

DATE ENTERED 12-12-47 JH(1200)P.M.D.

B/L ORIO & GARY 9-8-48 K.J.

1 SHIPPING NOTICE TO PURCHASER

ORIG. & CORR. DET. TEL. NO. AMERICAN BLOWER
6000 RUSSELL ST.

ITEMS SHOWN IN COLUMN "AMOUNT SHIPPED" WERE FORWARDED ON

11-30-48

VIA FREIGHT PREPAID

CHECKED BY

IPPED BY

ET-000017

SHIPPING DATA COPY ELLION COMPANY



RECORD NO. E-151062
S.O. 40164-A
95.00 40164-B

JEANNETTE, PENNA.

CUSTOMER'S ORDER NO. & DATE A-89048-66200 11-26-47
REQUISITION NO.
CONTRACT NO.

OUR ORDER NO E-151062

SOLD TO AMERICAN BLOWER CORPORATION
P.O. BOX 58 ROCSEVELT PARK ANNEX
DETROIT, MICHIGAN

SHIPPED TO AND DESTINATION MALCOM MURPHY BOILER & HEATING COMPANY
C/O OKLAHOMA A & M POWER PLANT
STILLWATER, OKLAHOMA

SOLD BY DETROIT
TULSA

DATE SHIPPED 11-30-48 FROM JEANNETTE, PENNA.

PREPAID OR COLLECT XXXXXXXX
& CHARGE

HOW SHIPPED FREIGHT - PREPAID CHGS. 366.21 TAX 10.99
ROUTE NET 30 DAYS F.O.B. JEANNETTE, PENNA. (NO CASH DISCOUNT ALLOWED)

QUANTITY	DESCRIPTION	SERIAL NUMBER	CAT. - DWG. NUMBER	AMOUNT SHIPPED
3	26 H.P., 3820/932 R.P.M., FORM 2 AYR TURB. V-27 GEAR EQUIPPED WITH STANDARD & EMERG. GOVERNORS, SUPERHEAT PARTS, HAND SPEED CHANGER, PURCHASER'S HALF COUPLING MOUNTED, INSULATION & PAINTED LAGGING, HAND VALVE, CUNO "MICRO KLEAN" OIL FILTER - MARK ITEM #5 NORMAL STEAM CONDITIONS 250# - 600° F.T.T. - 10#B.P.	13585 X 13586 X 13587 X	40164-A	3
3	13 H.P., 4200/1500 R.P.M., FORM 2AYR TURB., V-27 GEAR, EQUIPPED WITH STANDARD & EMERG. GOVERNORS, HAND VALVE, SUPERHEAT PARTS, HAND SPEED CHANGER, PURCHASER'S HALF COUPLING, MOUNTED, INSULATION & PAINTED LAGGING, CUNO "MICRO KLEAN" OIL FILTER NORMAL STEAM CONDITIONS 250# - 600° F.T.T. - 10#B.P. MARK: ITEM #8 MARK: P.O. AM-105" MARK: P.O. A-89048-66220	13588 X 13589 X 13590 X	40164-B	3
6-CRATES 11700# PKG.ATT.CONTAINING 1-SET TURBINE WRENCHES				

SHIPPING DEPT.	9-10-48	DATE RECEIVED	1948
COST DEPT.			
APPLIC. ENG. D.H.			
SHIPPING REC'D 141	12/3/48		
ACCOUNT 101			
PREP. 101			

DATE ENTERED 12-12-47 JH(1200)P.M.D.

B/L ORIG. & COPIES TO 9-8-48 K.J.

1 SHIPPING NOTICE TO PURCHASER
1 " " " " CONSTATTE

ORIG. & COPIES TO AMERICAN BLOWER
6000 NUSSELL ST.

ITEMS SHOWN IN COLUMN "AMOUNT SHIPPED" WERE FORWARDED ON

11-30-48 VIA FREIGHT PREPAID

CHECKED BY

ET-000027

10000 RV