

SHOW INVOICING DATA ONLY BELOW THIS LINE

TOTAL

SOLD TO

SHIP TO

NORRIS WARMING CANADA LIMITED

USED BY:

HULL 221

F.O.B. KITCHENER

FED. SALES TAX

BRANCH

Mtl.

DATE OF ORDER

June 7/76

CUSTOMER ORDER NO.

VIA

PROV. SALES TAX NO.

NO. INVOICES REQ'D.

SALESMAN

Schick

MAILING ADDRESS FOR INVOICES

FOR APPROVAL

REVISED

SHIPMENT TAG:

ITEM NO. 1

CERTIFIED CORRECT

NOT REQ'D.

DESTROY ALL PRINTS

FWD ENG. ROOM SUPPLY FAN.

CONSTRUCTION PURPOSES

FABRICATION WILL NOT BEGIN

SUBMITTED PREVIOUS TO

CHK BY DM

UNTIL THIS PRINT IS RETURNED

APPROVED OR WITH CHANGES

DATE 9-13-76

NOTED

DATE

NAMEPLATE TAG:

221-602-207 HULL 221

QTY	QUANTITY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	BEARINGS	CLASS	DATE	ORDER NO.
T-1	2	43B7 Adjustax					4			SEPT 23/76	76-G-731 T-1
		MOTOR	20	1800	3	60	440	TEAO	#286T		
		MOTOR BASE	1800	1200							
		MOTOR MOUNTED BY									
		C.B. & F.	<input checked="" type="checkbox"/>								
		CUST.	<input type="checkbox"/>								
		C.B. & F.	<input checked="" type="checkbox"/>								
		CUST.	<input type="checkbox"/>								
		GROOVES	BELT SIZE	MOTOR SHEAVE	BORE - KW						
		V-BELT									
		CONSTANT	VARI PITCH	FAN SHEAVE	BORE - KW						
		DRIVE									
		SET ADJ. SH	TURN(S) FROM CLOSED POSITION								
		VIB.	TYPE	POS.	FRAME	MISC.					
		BASE									
		BELT	OPEN MESH	STANDARD							
		GUARD	<input type="checkbox"/>	<input type="checkbox"/>							
		LOUVRES	STANDARD	HEAVY DUTY							
			<input type="checkbox"/>	<input type="checkbox"/>							
		36000/24000	18	O.V.	1750	B.H.P.	TEMP.				
		C.F.M.			1180						
		FOREIGN MATERIAL MISC.									
		- adjustable wheel									
		- fans built to withstand 10 g.									
		ADD 2 REINFORCING RINGS									
		PER DWG #450111									
		1/4" x 1 1/2" B.I. x 14 9/8" LG.									
		2 - GUSSETS 13 1/4" x 14 x 3/8" RT									
		1 - GUSSET 14 1/16" x 14 x 3/8" RT									
		2 - EARS 13" x 3 1/2" x 3/8" RT									
		SOURCE: "RAW MAT'L"									

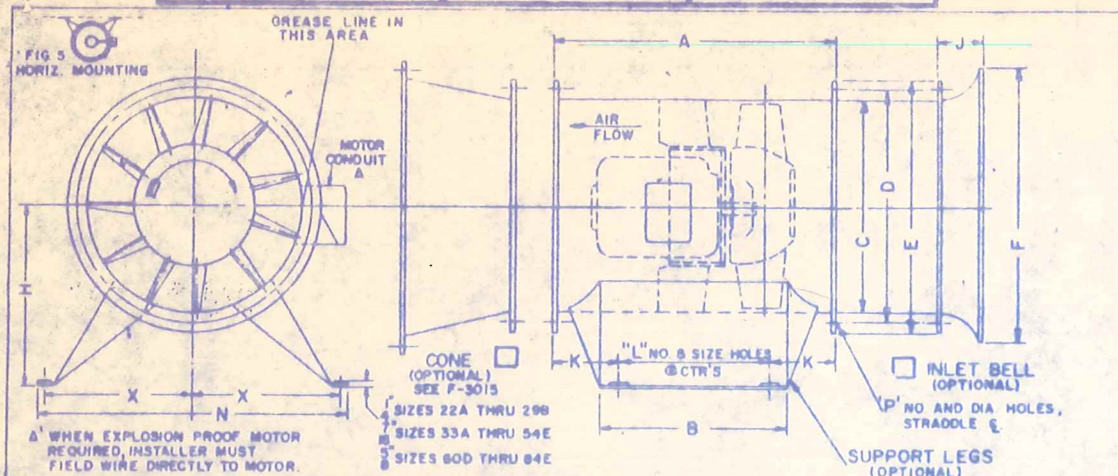
MOORE BUSINESS FORMS

COPIES: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☒

ENG'R	OFFICE	PROD.	MACH.	ASSEM.	H. & V.	WHL	MADE BY:
	X		X		X	X	S. SUTHERLAND

CERTIFIED CORRECT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> FOR CONSTRUCTION PURPOSES DM CHK BY DATE 9-13-76	FOR APPROVAL YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED	REVISED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE

F-3011
 Sheet 1 of 2
 1-2-69
 Supersedes F-3010
 9-15-66 &
 F-3011
 8-5-68



SIZE	T MOTOR FR.	A	B	C	D	E	F	H	J	K	L	N	P	X
	MIN. MAX.													
22A	143 286	30 1/2	20 1/4	22 1/8	24 1/4	25 1/2	28 1/2	16	4 1/2	6 1/4	2-3/16 @ 18	25 1/2	8 1/4	12
25A	143 286	30 1/2	23 1/4	25 1/4	27 1/4	28 1/2	32 1/4	17 1/2	5	5 1/4	3-9/16 @ 10	28 1/2	8 1/4	13 1/2
29A	143 286	30 1/2	17 1/4	29 1/4	31 1/4	32 1/2	37 1/2	20	5 1/4	8	3-9/16 @ 7 1/4	32 1/2	12 1/4	15 1/2
29B	213 256	30 1/2	17 1/4	29 1/4	31 1/4	32 1/2	37 1/2	20	5 1/4	8	3-9/16 @ 7 1/4	32 1/2	12 1/4	15 1/2
	284 365	36	26 1/2	29 1/4	31 1/4	32 1/2	37 1/2	20	5 1/4	6	3-9/16 @ 12	32 1/2	12 1/4	15 1/2
33A	143 286	32 1/2	19 1/2	33 1/8	35 1/4	36 1/2	42 1/2	22 1/2	6 1/4	8 1/4	3-11/16 @ 8	36 1/2	12 1/4	17 1/2
33B	213 286	32 1/2	19 1/2	33 1/8	35 1/4	36 1/2	42 1/2	22 1/2	6 1/4	8 1/4	3-11/16 @ 8	36 1/2	12 1/4	17 1/2
33C	254 326	36 1/2	28 1/2	33 1/8	35 1/4	36 1/2	42 1/2	22 1/2	6 1/4	6 1/4	3-11/16 @ 12	36 1/2	12 1/4	17 1/2
38A	143 286	30 1/2	20 1/4	38 1/8	40 1/2	41 1/4	49	26	7 1/2	7 1/4	3-11/16 @ 8	41 1/2	12 1/4	20
38B	213 254	30 1/2	20 1/4	38 1/8	40 1/2	41 1/4	49	26	7 1/2	7 1/4	3-11/16 @ 8	41 1/2	12 1/4	20
	256 365	38	31 1/4	38 1/8	40 1/2	41 1/4	49	26	7 1/2	6	3-11/16 @ 13	41 1/2	12 1/4	20
38C	254 365	38	31 1/4	38 1/8	40 1/2	41 1/4	49	26	7 1/2	6	3-11/16 @ 13	41 1/2	12 1/4	20
43B	213 365	36 1/2	23 1/4	43 3/8	45 1/2	46 1/4	55 1/2	29 1/2	8 1/4	9 1/4	3-7/8 @ 9	47 1/2	16 1/4	23
43C	254 405	44	37 1/2	43 3/8	45 1/2	46 1/4	55 1/2	29 1/2	8 1/4	6	3-7/8 @ 16	47 1/2	16 1/4	23
	284 405	44	37 1/2	43 3/8	45 1/2	46 1/4	55 1/2	29 1/2	8 1/4	6	3-7/8 @ 16	47 1/2	16 1/4	23
43D	444 447	52	37 1/2	43 3/8	45 1/2	46 1/4	55 1/2	29 1/2	8 1/4	10	3-7/8 @ 16	47 1/2	16 1/4	23
48B	213 365	36 1/2	27 1/2	48 1/8	50 1/2	52 1/2	63 1/2	33	9 1/2	7 1/4	3-7/8 @ 11	53 1/2	16 1/4	25 1/2
	254 324	36 1/2	27 1/2	48 1/8	50 1/2	52 1/2	63 1/2	33	9 1/2	7 1/4	3-7/8 @ 11	53 1/2	16 1/4	25 1/2
48C	326 405	44	30 1/4	48 1/8	50 1/2	52 1/2	63 1/2	33	9 1/2	9	3-7/8 @ 13	53 1/2	16 1/4	25 1/2
48D	284 405	44	30 1/4	48 1/8	50 1/2	52 1/2	63 1/2	33	9 1/2	9	3-7/8 @ 13	53 1/2	16 1/4	25 1/2
	444 447	52	30 1/4	48 1/8	50 1/2	52 1/2	63 1/2	33	9 1/2	13	3-7/8 @ 13	53 1/2	16 1/4	25 1/2
48E	404 447	58	43 1/4	48 1/8	50 1/2	52 1/2	63 1/2	33	9 1/2	10	3-7/8 @ 19	53 1/2	16 1/4	25 1/2
54C	254 405	44	32 1/4	54 1/2	57	58 1/2	70	38	11	8	3-7/8 @ 14	59 1/2	20 1/4	28 1/2
	284 405	44	32 1/4	54 1/2	57	58 1/2	70	38	11	8	3-7/8 @ 14	59 1/2	20 1/4	28 1/2
54D	444 447	52	32 1/4	54 1/2	57	58 1/2	70	38	11	12	3-7/8 @ 14	59 1/2	20 1/4	28 1/2
54E	404 447	58	51 1/4	54 1/2	57	58 1/2	70	38	11	6	3-7/8 @ 23	59 1/2	20 1/4	28 1/2
60D	284 405	44	29 1/2	60 1/2	63 1/2	65 1/2	78 1/4	43	12	10 1/2	4-1 @ 7 1/4	68	24 1/4	33
	444 447	52	29 1/2	60 1/2	63 1/2	65 1/2	78 1/4	43	12	14 1/2	4-1 @ 7 1/4	68	24 1/4	33
66D	284 404	44	29	66 1/8	69 1/4	72	85 1/2	45 1/2	13 1/2	10 1/2	4-1 @ 7 1/2	71	24 1/4	34 1/2
	405 447	52	29	66 1/8	69 1/4	72	85 1/2	45 1/2	13 1/2	14 1/2	4-1 @ 7 1/2	71	24 1/4	34 1/2
72D	294 404	44	28 1/4	72 1/4	75 1/2	78	93	49 1/2	14 1/2	11 1/2	4-1 @ 7	78	24 1/4	37 1/2
	405 447	52	28 1/4	72 1/4	75 1/2	78	93	49 1/2	14 1/2	15 1/2	4-1 @ 7	78	24 1/4	37 1/2
72E	404 447	58	42 1/4	72 1/4	75 1/2	78	93	49 1/2	14 1/2	11 1/2	4-1 @ 11 1/4	78	24 1/4	37 1/2
78E	404 447	58	40	78 1/4	82 1/2	85 1/2	100 1/4	53	15 1/2	14	4-1 @ 10	83	24 1/4	40
84E	404 447	58	40	84 1/4	88 1/2	91 1/2	108	56	16 1/2	14	4-1 @ 10	89	24 1/4	43

002600

DATE- 8-5-68	TYPE-S- ADJUSTAX VANE AXIAL FANS ARRANGEMENT NO. 4	CANADIAN BLOWER & FORGE CO. LTD. KITCHENER, ONT.	DWS NO 4W-66469
SUPERSEDES ISSUE OF- 8-5-68			

SHOW INVOICING DATA ONLY BELOW THIS LINE

TOTAL

SOLD TO

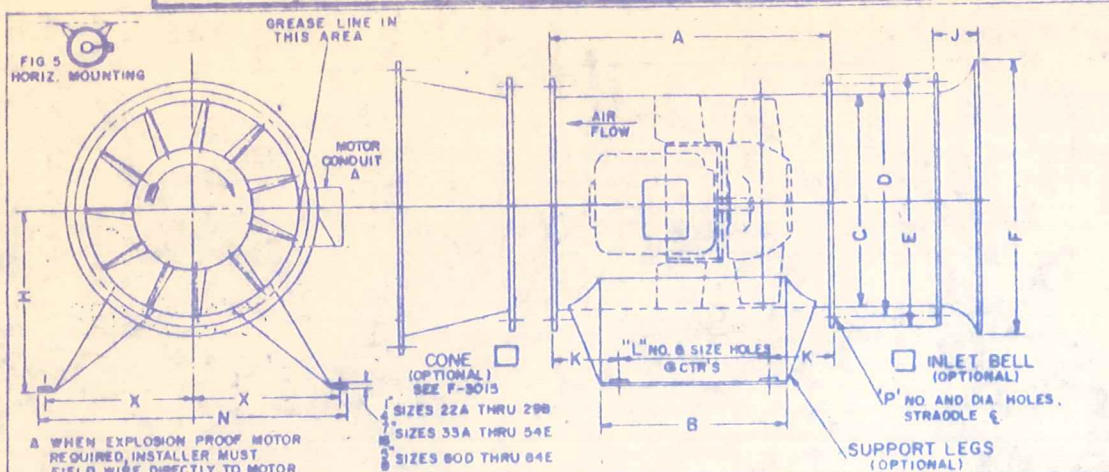
SHIP TO

NORRIS WARMING CANADA LIMITED

DATE OF ORDER June 7/76		CUSTOMER ORDER NO.		USED BY: F.O.B. KITCHENER		FED. SALES TAX		BRAND WHL	
VIA				PROV. SALES TAX NO.		NO. INVOICES REQ'D.		SALESMAN Schick	
MAILING ADDRESS FOR INVOICES FAC CONSTRUCTION PURPOSES CHK BY DM DATE 9-13-76				FOR APPROVAL <input checked="" type="checkbox"/> NOT REQ'D. ABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED		REVISED <input type="checkbox"/> DESTROY ALL PRINTS SUBMITTED PREVIOUS TO		SHIPMENT TAG: ITEM NO. 2 AFT. ENG. ROOM SUPPLY FAN	
				NAMEPLATE TAG: 221-602-207 HULL 221					
QTY	QTY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	BEARINGS	CLASS
T-2	2	43B7	Adjustax				4		
		MOTOR	20	1800 1200	3	60	440	TEAD	#286T
		MOTOR BASE DOT		LEEB 45	MOTOR MOUNTED BY C.B. & F. <input checked="" type="checkbox"/> CUST. <input type="checkbox"/>		ASSEMBLY B.M. 8508 REF.		
		V-BELT DRIVE		GROOVES	BELT SIZE	MOTOR SHEAVE	BORE KW	CTRS.	ASSEMBLY DRAWINGS 5W-51811-19 REF ALSO, 458111
		CONSTANT		VARI PITCH	FAN SHEAVE	BORE KW	BLASTWHEEL B.M. 8532 BLD SETTING - 18 MAX BLD SETTING - 21 DIAMETER, 43"		
		SET ADJ. SH		TURN(S) FROM CLOSED POSITION				TYPE ALUMINUM	
		VIB.	TYPE	POS.	FRAME	MISC.	BORE 1 7/8"		
		BELT	OPEN MESH	STANDARD					K.W. 1/2" x 1/4"
		GUARD	<input type="checkbox"/>	<input type="checkbox"/>					BEARINGS
		LOUVRES	STANDARD	HEAVY DUTY					BORE
		38000/26000	T4	O.V.	1750 1180	B.H.P.	TEMP.	MISC. MOTOR BASE PER DWG # 458111 1 - TOP RT 37 3/4" x 14" x 3/8" MOH HRS 2 - GUSSETS 13 1/4 x 14 x 3/8 RT MOH HRS 1 - GUSSET 14 9/16 x 14 x 3/8 RT MOH HRS 2 - EARS 13" x 3" x 3/8 RT MOH HRS SOURCE: "RAW MAT'L"	
		C.F.M.							
		FOREIGN MATERIAL MISC.							
		- adjustable wheel - fans built to withstand 10 g. ADD 2 - REINFORCING RINGS PER DWG # 458111 1/4" x 1 1/2" B.I x 14 9 3/8 LG.							
MOORE BUSINESS FORMS									
COPIES: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/>									
ENG'R	OFFICE	PROD.	MACH.	ASSEM.	H. & V.	WHL	MADE BY: S. SUTHERLAND		

CERTIFIED FOR CONSTRUCTION PURPOSES CHK BY DATE	CORRECT YES <input checked="" type="checkbox"/>	FOR APPROVAL YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	REVISED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
	9-13-76	FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED	DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE

3011
 Sheet 1 of 2
 1-2-69
 Supersedes F-3010
 9-15-66 &
 F-3011
 8-5-68



SIZE	T MOTOR FR.	A	B	C	D	E	F	H	J	K	L	N	P	X
	MIN. MAX.													
22A	143 286	30 1/2	20 1/4	22 1/4	24 1/4	25 1/4	28 1/4	16	4 1/2	6 1/4	2-1/16 @ 18	25 1/4	8 1/16	12
25A	143 286	30 1/2	23 1/2	25 1/4	27 1/4	28 1/4	32 1/4	17 1/2	5	5 1/4	3-9/16 @ 10	28 1/4	8 1/16	13 1/2
29A	143 286	30 1/2	17 1/4	29 1/4	31 1/4	32 1/4	37 1/2	20	5 1/4	8	3-9/16 @ 7 1/4	32 1/4	12 1/16	15 1/2
29B	213 256	30 1/2	17 1/4	29 1/4	31 1/4	32 1/4	37 1/2	20	5 1/4	8	3-9/16 @ 7 1/4	32 1/4	12 1/16	15 1/2
	284 365	36	26 1/4	29 1/4	31 1/4	32 1/4	37 1/2	20	5 1/4	6	3-9/16 @ 12	32 1/4	12 1/16	15 1/2
33A	143 286	32 1/2	19 1/2	33 1/4	35 1/4	36 1/4	42 1/2	22 1/2	6 1/4	8 1/2	3-11/16 @ 8	36 1/4	12 1/16	17 1/2
33B	213 286	32 1/2	19 1/2	33 1/4	35 1/4	36 1/4	42 1/2	22 1/2	6 1/4	8 1/2	3-11/16 @ 8	36 1/4	12 1/16	17 1/2
33C	254 326	36 1/2	28 1/2	33 1/4	35 1/4	36 1/4	42 1/2	22 1/2	6 1/4	6 1/4	3-11/16 @ 12	36 1/4	12 1/16	17 1/2
38A	143 286	30 1/2	20 1/4	38 1/4	40 1/4	41 1/4	49	26	7 1/2	7 1/4	3-11/16 @ 8	41 1/4	12 1/16	20
38B	213 254	30 1/2	20 1/4	38 1/4	40 1/4	41 1/4	49	26	7 1/2	7 1/4	3-11/16 @ 8	41 1/4	12 1/16	20
	256 365	38	31 1/4	38 1/4	40 1/4	41 1/4	49	26	7 1/2	6	3-11/16 @ 13	41 1/4	12 1/16	20
38C	254 365	38	31 1/4	38 1/4	40 1/4	41 1/4	49	26	7 1/2	6	3-11/16 @ 13	41 1/4	12 1/16	20
43B	213 365	36 1/2	23 1/2	43 1/4	45 1/4	46 1/4	55 1/2	29 1/2	8 1/4	9 1/4	3-1/2 @ 9	47 1/4	16 1/16	23
43C	254 405	44	37 1/2	43 1/4	45 1/4	46 1/4	55 1/2	29 1/2	8 1/4	6	3-1/2 @ 16	47 1/4	16 1/16	23
43D	284 405	44	37 1/2	43 1/4	45 1/4	46 1/4	55 1/2	29 1/2	8 1/4	6	3-1/2 @ 16	47 1/4	16 1/16	23
	444 447	52	37 1/2	43 1/4	45 1/4	46 1/4	55 1/2	29 1/2	8 1/4	10	3-1/2 @ 16	47 1/4	16 1/16	23
48B	213 365	36 1/2	27 1/2	48 1/4	50 1/4	52 1/4	63 1/4	33	9 1/2	7 1/4	3-1/2 @ 11	53 1/4	16 1/16	25 1/4
48C	254 324	36 1/2	27 1/2	48 1/4	50 1/4	52 1/4	63 1/4	33	9 1/2	7 1/4	3-1/2 @ 11	53 1/4	16 1/16	25 1/4
	326 405	44	30 1/4	48 1/4	50 1/4	52 1/4	63 1/4	33	9 1/2	9	3-1/2 @ 13	53 1/4	16 1/16	25 1/4
48D	284 405	44	30 1/4	48 1/4	50 1/4	52 1/4	63 1/4	33	9 1/2	9	3-1/2 @ 13	53 1/4	16 1/16	25 1/4
	444 447	52	30 1/4	48 1/4	50 1/4	52 1/4	63 1/4	33	9 1/2	13	3-1/2 @ 13	53 1/4	16 1/16	25 1/4
48E	404 447	58	43 1/4	48 1/4	50 1/4	52 1/4	63 1/4	33	9 1/2	10	3-1/2 @ 19	53 1/4	16 1/16	25 1/4
54C	254 405	44	32 1/2	54 1/4	57	58 1/2	70	38	11	8	3-1/2 @ 14	59 1/2	20 1/16	28 1/2
54D	284 405	44	32 1/2	54 1/4	57	58 1/2	70	38	11	8	3-1/2 @ 14	59 1/2	20 1/16	28 1/2
	444 447	52	32 1/2	54 1/4	57	58 1/2	70	38	11	12	3-1/2 @ 14	59 1/2	20 1/16	28 1/2
54E	404 447	58	51 1/4	54 1/4	57	58 1/2	70	38	11	6	3-1/2 @ 23	59 1/2	20 1/16	28 1/2
60D	284 405	44	29 1/2	60 1/4	63 1/4	65 1/4	78 1/4	43	12	10 1/2	4-1 @ 7 1/4	68	24 1/16	33
	444 447	52	29 1/2	60 1/4	63 1/4	65 1/4	78 1/4	43	12	14 1/2	4-1 @ 7 1/4	68	24 1/16	33
66D	284 404	44	29	66 1/4	69 1/4	72	85 1/2	45 1/2	13 1/2	10 1/4	4-1 @ 7 1/2	71	24 1/16	34 1/4
	405 447	52	29	66 1/4	69 1/4	72	85 1/2	45 1/2	13 1/2	14 1/4	4-1 @ 7 1/2	71	24 1/16	34 1/4
72D	254 404	44	28 1/4	72 1/4	75 1/2	78	93	49 1/2	14 1/2	11 1/2	4-1 @ 7	78	24 1/16	37 1/2
	405 447	52	28 1/4	72 1/4	75 1/2	78	93	49 1/2	14 1/2	15 1/2	4-1 @ 7	78	24 1/16	37 1/2
72E	404 447	58	42 1/4	72 1/4	75 1/2	78	93	49 1/2	14 1/2	11 1/4	4-1 @ 11 1/4	78	24 1/16	37 1/2
78E	404 447	58	40	78 1/4	82 1/4	85 1/4	100 1/4	53	15 1/2	14	4-1 @ 10	83	24 1/16	40
84E	404 447	58	40	84 1/4	88 1/4	91 1/4	108	56	16 1/4	14	4-1 @ 10	89	24 1/16	43

0092X00

DATE- 8-5-68

SUPERSEDES
ISSUE OF- 8-5-68

TYPE-S- ADJUSTAX VANEAXIAL FANS
ARRANGEMENT NO.4

CANADIAN BLOWER
& FORGE CO. LTD.
KITCHENER, ONT.

DWG. NO.

4W-66469

CRAE NO. 76-G-731

S.O. NO. T-2

SHOW INVOICING DATA ONLY BELOW THIS LINE

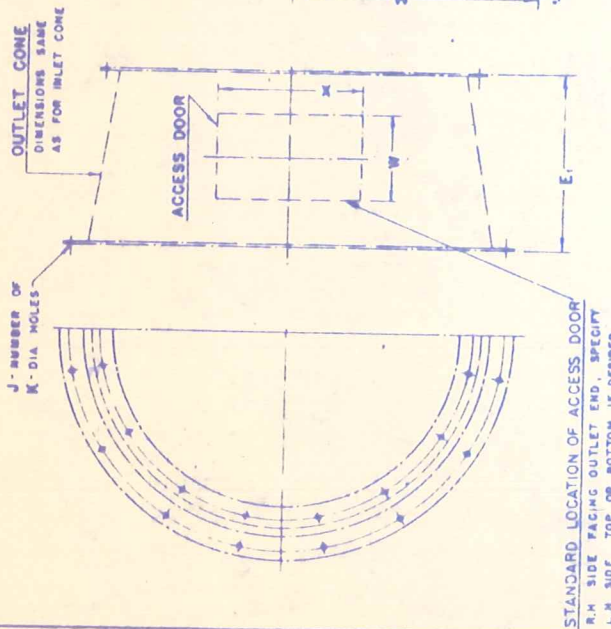
TOTAL

SOLD TO

SHIP TO

NORRIS WARMING CANADA LIMITED

DATE OF ORDER June 7/76		CUSTOMER ORDER NO. 1		USED BY: F.O.B. KITCHENER		FED. SALES TAX		BRANCH Mtl.	
VIA				PROV. SALES TAX NO.		NO. INVOICES REQ'D.		SALESMAN Schick	
MAILING ADDRESS FOR INVOICES CERTIFIED CORRECT <input checked="" type="checkbox"/>				FOR APPROVAL NOT REQ'D <input checked="" type="checkbox"/>		REVISED DESTROY ALL PRINTS SUBMITTED PREVIOUS TO		SHIPMENT TAG: ITEM NO. 3 PROP. MOTOR ROOM SUPPLY FAN.	
CHECK BY DM				DATE 9-13-76		NAMEPLATE TAG: 221-602-207 HULL 221.			
QTY	ITEM NO.	QUANTITY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	BEARINGS
	T-3	1	32 MB Tube					4	
			MOTOR	15	1800 1200	3	60	440	TEAO
			MOTOR BASE	DOT	IEEE 45			MOTOR MOUNTED BY	
			C.B. & F.	<input checked="" type="checkbox"/>	CUST.			C.B. & F.	<input checked="" type="checkbox"/>
			V-BELT	GROOVES	BELT SIZE	MOTOR SHEAVE	BORE - KW	CTRS.	
			DRIVE	CONSTANT	VARI-PITCH	FAN SHEAVE	BORE - KW		
			SET ADJ. SH.	TURN (S) FROM CLOSED POSITION				BELTS	
			VIB.	TYPE	POS.	FRAME	MISC.		
			BASE						
			BELT	OPEN MESH	STANDARD				
			GUARD	<input type="checkbox"/>	<input type="checkbox"/>				
			LOUVRES	STANDARD	HEAVY DUTY				
			21000/15000	S.P.	O.V.	1750 1180	B.H.P.	TEMP.	
			C.F.M.	14					
			FOREIGN MATERIAL MISC.						
			- MB wheel - fan built to withstand 10 g. ADD 2 REINFORCING RINGS 1/4 x 1 1/2 B.I x 11 3/8" DWG # 58361B						
			1 - MTR BRACKET DWG # 271630 TOP RT 26 3/4" x 14 x 3/8 RT MOUNTS 2 - GUSSETS 8 3/8" x 14 x 3/8 RT 2 - EARS 6 7/8" x 3 3/8" RT MOUNTS BAR IRON						
			SOURCE - RAW MAT'L.						
MOORE BUSINESS FORMS									
COPIES: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/>									
ENGR.	OFFICE	PROD.	MACH.	ASSEM.	H. & V.	WHL.	MADE BY:		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	S. SUTHERLAND		



TOTAL LENGTH OF UNIT EQUAL RUNS OF A PLUMB
OR T OR E! - AS REQUIRED ON ORDER

NOTE: TUBE AXIAL FANS DO NOT INCLUDE VAMES

SIZE	A	B	C	D	E	E ₁	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	W	X
15	14	15 ₃₂	17 ₁₆	18 ₈	7 ₂	18	20	21 ₁₆	8	5	8 ₂	12	6	9 ₁₆	18 ₈	4	9	4	3	19 ₂	4	8
18	18 ₂	18 ₁₆	20 ₁₆	21 ₈	9	21 ₂	23 ₈	24 ₁₆	8	5	10	13 ₂	8	12 ₄	21 ₈	4	9	4	3 ₁₆	23 ₈	6	10
21	20	21 ₂	23 ₈	24 ₈	11	25	27	28 ₈	8	5	11 ₄	15 ₂	10	13 ₄	24 ₈	4	9	4	4 ₁₆	27 ₈	6	10
24	22 ₂	24 ₈	26 ₈	27 ₈	12	28 ₂	30 ₈	31 ₁₆	8	7	13 ₄	17	6	15 ₈	27 ₈	6	9	4	3 ₄	31	6	10
28	25	28 ₂	30 ₄	31 ₈	14	33 ₂	35 ₈	36 ₁₆	12	7	15 ₄	19 ₂	7	17 ₄	31 ₈	6	9	5	3 ₁₆	36 ₂	6	10
32	28	32 ₁₆	34 ₈	35 ₈	16	38	40	41 ₄	12	7	17 ₂	22	8	19 ₂	36 ₈	6	11	6	3 ₁₆	41 ₂	12	16
36	30	36 ₁₁	38 ₂	39 ₇	18	43	45	46 ₄	12	7	19 ₂	25	8	20 ₄	40 ₈	6	11	7	3 ₁₆	46 ₂	12	16
42	35	42 ₈	44 ₂	45 ₇	21	50	52	53 ₆	16	7	22 ₃	29	9	23 ₃	47 ₄	6	7	8	3 ₈	54 ₂	12	16
48	40	48 ₁₆	50 ₈	52 ₈	24	57	59	60 ₁₆	16	7	25 ₄	33	11	27 ₈	53 ₄	6	7	9	2 ₁₆	61 ₅	12	16
54	45	54 ₂	57	58 ₇	27	64	66 ₂	67 ₇	20	9	28 ₇	38	14	32 ₈	59 ₂	6	7	11	70	12	16	

CERTIFIED FOR CONSTRUCTION PURPOSES C.M. BY DM DATE: 9-13-76	FOR APPROVAL YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED	REVISED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE:
--	--	--

DR WILLY M V	DATE: JULY 30/70	TYPE "B" XXXXXXXXXX TUBEAXIAL FAN ARRANGEMENT NO. 4	CANADIAN BLOWER & FORGE CO. LTD. KITCHENER ONTARIO	501244
CHK.	SUPERSEDES ISSUE OF 5W-49256			

For Norris Warming Canada Limited

SOLD TO

SHOW INVOICING DATA ONLY BELOW THIS LINE

TOTAL

SHIP TO

NORRIS WARMING CANADA LIMITED

DATE OF ORDER June 7/76		CUSTOMER ORDER NO.		USED BY: F.O.B. KITCHENER		FED. SALES TAX		BRANCH Mt1.	
				PROV. SALES TAX NO.		NO. INVOICES REQ'D.		SALESMAN Schick	
MAILING ADDRESS FOR INVOICES CERTIFIED CORRECT X				FOR APPROVAL NOT REQ'D		REVISED DESTROY ALL PRINTS SUBMITTED PREVIOUS TO		SHIPMENT TAG: ITEM NO. 4	
CONSTRUCTION PURPOSES CHK BY: DM				FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED		DATE: 9-13-76		NAMEPLATE TAG: 221-602-207 HULL 221	
QUANTITY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	BEARINGS	CLASS	DATE
T-4	1	24 LB TUBE				4			SEPT 23/76
		MOTOR	H.P. 5	PHASE 3	CYCLE 60	VOLT 440	ENCL. TEAO	FRAME #215T	ORDER NO. 76-B-731 TA
		MOTOR BASE	TEAO BY 45	MOTOR MOUNTED BY					
		DOT	C.B. & F. X	CUST. <input type="checkbox"/>		C.B. & F. X		CUST. <input type="checkbox"/>	
		V-BELT	GROOVES	BELT SIZE	MOTOR SHEAVE	BORE - KW	CTRS.		
		DRIVE	CONSTANT	VARI PITCH	FAN SHEAVE	BORE - KW			
		SET ADJ. SH.		TURN(S) FROM CLOSED POSITION		BELTS			
		VIB.	TYPE	POS.	FRAME	MISC			
		BASE							
		BELT	OPEN MESH	STANDARD					
		GUARD	<input type="checkbox"/>	<input type="checkbox"/>					
		LOUVRES	STANDARD	HEAVY DUTY					
			<input type="checkbox"/>	<input type="checkbox"/>					
		3000/2000	13	O.V.	1750	B.H.P.	TEMP.		
		C.F.M.			1180				
		FOREIGN MATERIAL MISC.							
		- LB wheel							
		- fan built to withstand 10 g.							
		ADD 1 REINFORCING RING							
		1/4" x 1 1/2" B x 8 7/16"							
MOORE BUSINESS FORMS COPIES: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/>									
ENG'R	OFFICE	PROD.	MACH.	ASSEM.	H. & V.	WHL.	MADE BY:		
							S. SUTHERLAND		

ITEM NO. 4

BOW THRUSTER COMPT. SUPPLY FAN

NAMEPLATE TAG:

221-602-207 HULL 221

SEPT 23/76

ORDER NO.

76-B-731 TA

ASSEMBLY B.M. 865B REF.

ASSEMBLY DRAWINGS 501790-7 REF.
458113 ALSO

BLASTWHEEL B.M. 8213 REF

DIAMETER 24"

TYPE STD. STL. LB

BORE 1 3/8"

K.W. 5/16" x 5/32

BEARINGS

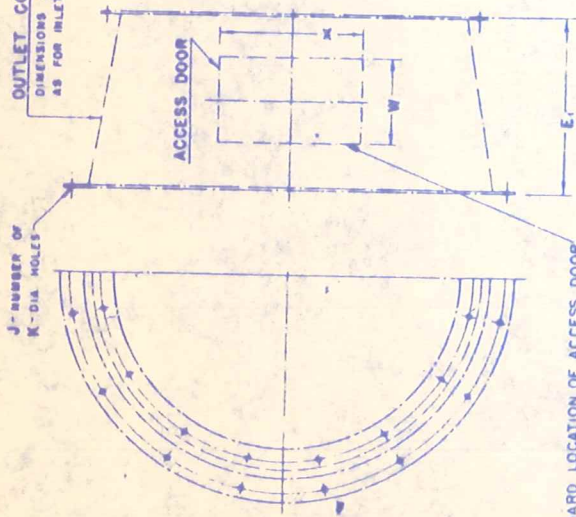
BORE

MISC. *NOTE: FOR HUB SEE
DWG# 5W-15270-13

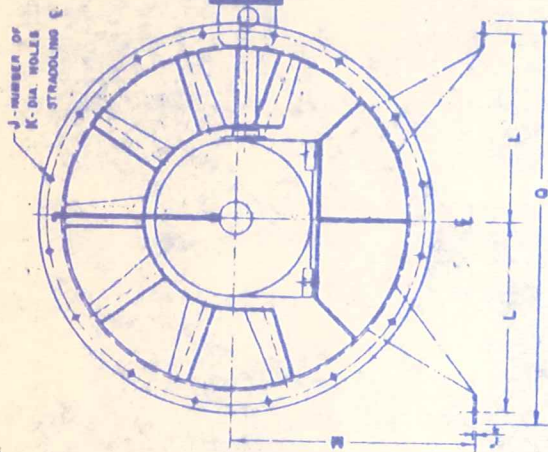
MARKED-UP. 2 1/8 DIA x 2 7/16

MOTOR BASE PER DWG# 458113
 1 - TOP RT - 20" x 9" x 1/4" RT MOHRS
 2 - GUSSETS 6 1/4 x 9 x 1/4 RT MOHRS
 2 - EARS - 4 3/4 x 3 1/2 x 1/4 BARMBOURS
 SOURCE: RAW MAT'L

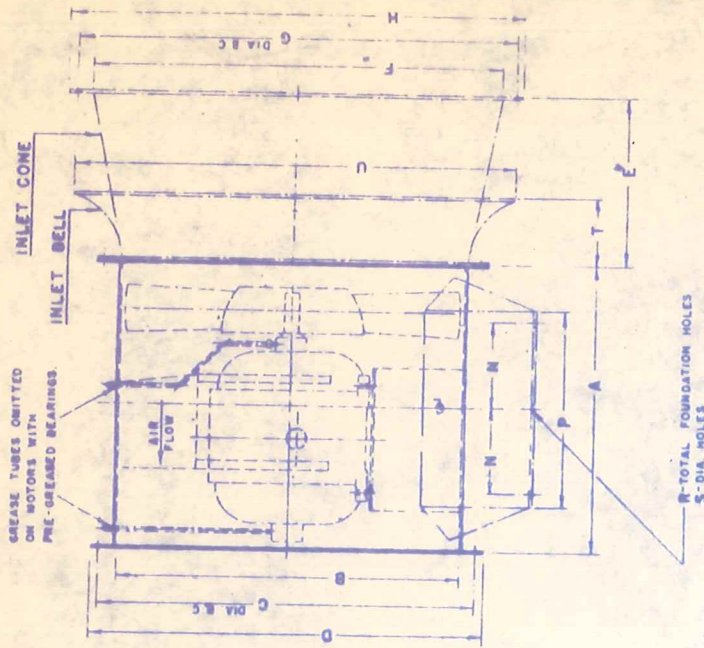
J-NUMBER OF K-DIA HOLES
DIMENSIONS SAME AS FOR INLET CONE



STANDARD LOCATION OF ACCESS DOOR
R.H. SIDE FACING OUTLET END. SPECIFY L.H. SIDE, TOP OR BOTTOM IF DENIED.



TOTAL LENGTH OF UNIT EQUAL SUMS OF A PLUS E OR T OF E1 - AS REQUIRED ON ORDER



NOTE: TUBE AXIAL FANS DO NOT INCLUDE VANES

SIZE	A	B	C	D	E	E1	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
15	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
18	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
21	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
24	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66
28	25	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
32	28	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74
36	30	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78
42	35	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
48	40	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
54	45	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96

CERTIFIED CORRECT YES ☒ NO ☐
 FOR CONSTRUCTION PURPOSES DM
 CH K BY 9-13-76
 DATE 9-13-76

FOR APPROVAL YES ☐ NO ☒
 FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED.

REVISED YES ☐ NO ☒
 DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE

DR. JULY 30/70
 SUPERSEDES
 ISSUE OF 34-4935

TYPE "B" VANES AXIAL FAN
 ARRANGEMENT NO. 4

CANADIAN BLOWER & FORGE CO. LTD.
 KITCHENER ONTARIO

501244

CBaf NO. 76-G-73L S.O. NO. T-4

For Norris Warming Canada Limited

SHOW INVOICING DATA ONLY BELOW THIS LINE
SHIP TO

TOTAL

SOLD TO

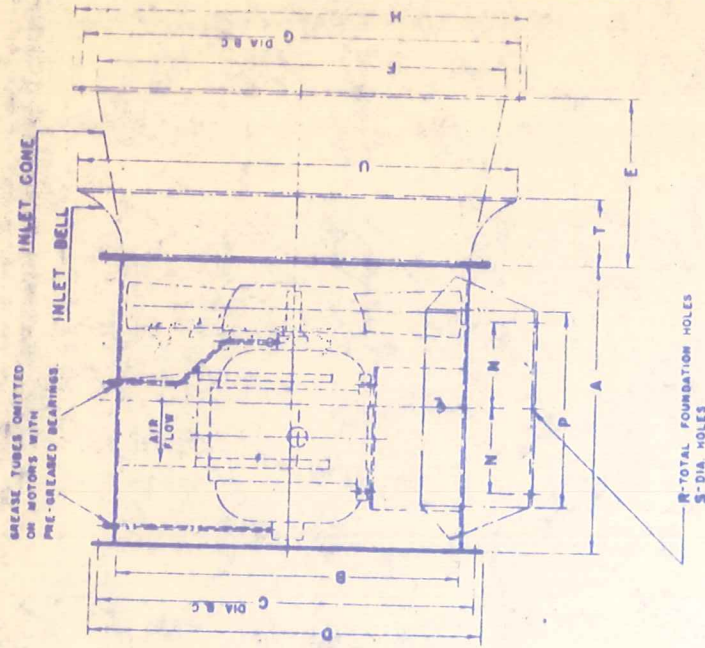
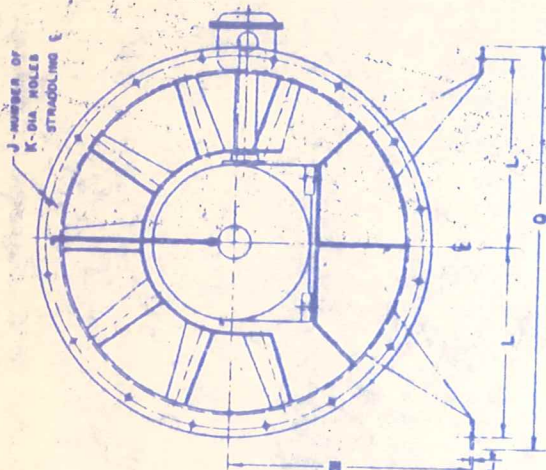
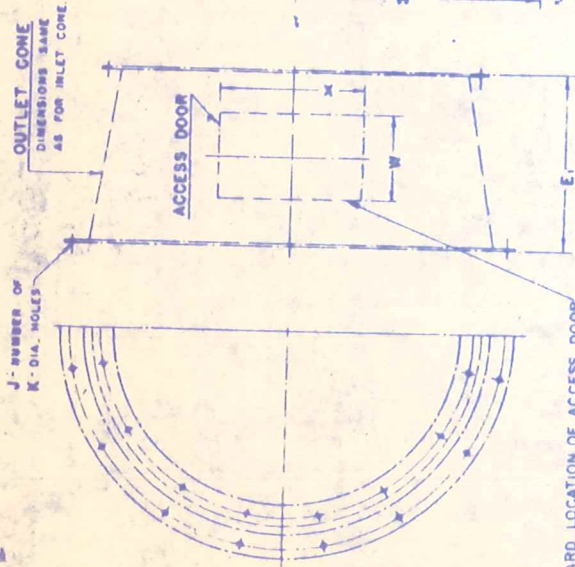
NORRIS WARMING CANADA LIMITED

DATE OF ORDER June 7/76		CUSTOMER ORDER NO.		USED BY: F.O.B. KITCHENER		FED. SALES TAX		BRANCH Mtl.	
VIA				PROV. SALES TAX NO.		NO. INVOICES REQ'D.		SALESMAN Schick	
MAILING ADDRESS FOR INVOICES CERTIFIED CORRECT X FOR CONSTRUCTION PURPOSES CHK BY DM DATE 9-13-76				FOR APPROVAL NOT REQ'D FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED PROVED OR WITH CHANGES NOTED.		REVISED DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE		SHIPMENT TAG: ITEM NO. 5 HEELING PUMP COMPT. SUPPLY FAN	
				NAMEPLATE TAG: 221-602-207 HULL 221		ORDER NO.			
CR. #	ITEM NO.	QUANTITY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	BEARINGS
	T-5	1	21 LB Tube					4	
				H.P.		PHASE	CYCLE	VOLT	ENCL.
			MOTOR	2	800 1200	3	60	440	TEAO
			MOTOR BASE DOT		MOTOR MOUNTED BY 4/84T		C.B. & F.		CUST.
			V-BELT DRIVE		GROOVES	BELT SIZE	MOTOR SHEAVE	BORE - KW	CTRS.
			CONSTANT		VARI-PITCH	FAN SHEAVE	BORE - KW		
			SET ADJ. SH.		TURN(S) FROM CLOSED POSITION				BELTS
			VIB.	TYPE	POS.	FRAME	MISC.		
			BASE						
			BELT	OPEN MESH	STANDARD				
			GUARD						
			LOUVRES	STANDARD	HEAVY DUTY				
			1000/650	1 1/2	O.V.	1750 1180	B.H.P.	TEMP.	
			C.F.M.						
			FOREIGN MATERIAL MISC.						
<p>- LB wheel - fan built to withstand 10 g. ADD ONE REINFORCING RING. 1/4 x 1 1/2 B.I x 7 1/2</p>									
<p>COPIES: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/></p>									
ENG'R	OFFICE	PROD.	MACH.	ASSEM.	H. & V.	WHL	MADE BY: S. SUTHERLAND		

SEPT 23/76 76-G-731 T-5

ASSEMBLY B.M. 8657 REF.
ASSEMBLY DRAWINGS 501790-5 REF
458156-ALSO.
BLASTWHEEL B.M. 8212
DIAMETER 21"
TYPE STD. STL "LB"
BORE 1 1/8"
K.W. 1/4 x 1/8
BEARINGS
BORE
MISC. MTR BASE PER DWG 458156
1- TOP RT 1 7/8" x 8" x 1/4" RT
2- GUSSETS, 5 5/8" x 8" x 1/4" RT
2- EARS 4" x 3" x 1/4" RT
SOURCE: RAW MAT'L

J - NUMBER OF K-DIA. HOLES
DIMENSIONS SAME AS FOR INLET CONE



NOTE: TUBE AXIAL FANS DO NOT INCLUDE VARES

SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	W	X
15	14	15	17	18	7 1/2	18	20	21 1/2	8	5	8 1/2	12	6	9 1/8	18 1/8	4	9	3	19 1/2	4	8
18	18 1/2	18 3/4	20 1/2	21 1/2	9	21 1/2	23 1/2	24 1/2	8	5	10	13 1/2	8	12 3/4	21 1/8	4	9	3 1/2	23 1/4	5	10
21	20	21 1/2	23 1/2	24 1/2	11	25	27	28 1/2	8	5	11 1/2	15 1/2	10	13 1/4	24 1/8	4	9	4 1/2	27 1/4	6	10
24	22 1/2	24 1/2	26 1/2	27 1/2	12	28 1/2	30 1/2	31 1/2	8	7	13 1/4	17	6	15 3/8	27 1/8	6	9	4 3/4	31	6	10
28	25	28 1/2	30 1/2	31 1/2	14	33 1/2	35 1/2	36 1/2	12	7	15 1/4	19 1/2	7 1/4	17 1/4	31 1/8	6	9	5 1/2	36 1/2	6	10
32	28	32 1/2	34 1/2	35 1/2	16	38	40	41 1/4	12	7	17 1/2	22	8	19 1/2	36 1/8	6	11	6 3/4	41 1/2	12	16
36	30	36 1/2	38 1/2	39 1/2	18	43	45	46 1/4	12	7	19 1/2	25	8	20 1/2	40 1/8	6	11	7 1/2	46 1/2	12	16
42	35	42 1/2	44 1/2	45 1/2	21	50	52	53 1/2	16	7	22 1/2	29	9	23 1/2	47 1/8	6	11	8 3/4	54 1/2	12	16
48	40	48 1/2	50 1/2	52 1/2	24	57	59	60 1/2	16	7	25 1/2	33	11	27 1/2	53 1/8	6	11	9 1/2	61 1/2	12	16
54	45	54 1/2	57 1/2	59 1/2	27	64	66 1/2	67 1/2	20	9	28 1/2	38	14	32 1/2	59 1/8	6	11	11	70	12	16

CERTIFIED CORRECT YES ☒ NO ☐
FOR CONSTRUCTION PURPOSES CH K BY DM DATE 9-13-76

FOR APPROVAL YES ☐ NO ☒
FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED DATE

REVISED YES ☐ NO ☒
DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE

DR. WILLY M.V. DATE: JULY 30/70
CHK. SUPERSEDES ISSUE OF 3W-49256

TYPE "B" TUBE AXIAL FAN
ARRANGEMENT NO. 4

CANADIAN BLOWER & FORGE CO. LTD.
KITCHENER ONTARIO

501244

DATE: 9-13-76

CBBF NO. 76-0-731 S.O. NO. T-5

For Norris Warming Canada Limited

TOTAL

SHIP TO

OF ORDER

CUSTOMER ORDER NO.

USED BY:

F.O.B. KITCHENER

FED. SALES TAX	
----------------	--

BRANCH

June 7/76

PROV. SALES TAX NO.

NO. INVOICES REQ'D.

SALESMAN

Mt1.

Schick

MAILING ADDRESS FOR INVOICES

FOR APPROVAL

REVISED

SHIPMENT TAG:

ITEM NO. 6

FWD. AFT. ENG. ROOM EXH. FAN.

NAMEPLATE TAG:

221-602-207 HULL 221

QTY	QTY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	BEARINGS	CLASS	DATE	ORDER NO.	
T-6	4	32 MB Tube					4			SEPT 23/76	76-G-731 T-6	
		MOTOR	H.P. 15	1800 1200	PHASE 3	CYCLE 60	VOLT 440	ENCL. TEAO	FRAME #284T	STOCK NO.		
		MOTOR BASE	DOT	MOTOR BY IEEE 45	C.B. & F.	CUST.		MOTOR MOUNTED BY	C.B. & F.	CUST.		
		V-BELT	GROOVES	BELT SIZE	MOTOR SHEAVE	BORE - KW		CTRS.				
		DRIVE	CONSTANT	VAR. PITCH	FAN SHEAVE	BORE - KW						
			SET ADJ. SH.	TURN(S) FROM CLOSED POSITION					BELTS			
		VIB. BASE	TYPE		POS		FRAME	MISC.				
		BELT GUARD	OPEN MESH	STANDARD								
		LOUVRES	STANDARD	HEAVY DUTY								
		21000/14500 CFM	S.P. 1	O.V.	1750 1180	B.H.P.	TEMP.					
		FOREIGN MATERIAL MISC.										
		- MB wheel - fans built to withstand 10 g. ADD 2 REINFORCING RINGS 1/4 x 1 1/2 B.I x 11 4 3/8 DIA #583618										
		ASSEMBLY B.M. 8660 REF. ASSEMBLY DRAWINGS 501790-11 REF. 583618 ALSO BLASTWHEEL B.M. 8222 REF. DIAMETER 32" TYPE STD. STL "MB" BORE 1 7/8" K.W. 1/2" x 1/4" BEARINGS BORE MISC. NOTE: USE HUB PER Dwg# 457B61 3 1/4" DIA. x 4 1/4" LG. MONO MTR BRACKET Dwg# 27163 1-TOP RT. 26 3/4 x 14 x 7/8 RT M 2-BUSSETS 18 3/8 x 14 x 7/8 RT M 2-EARS 6 7/8 x 3 1/2 x 7/8 RT M 4-MON HRS 4-MON HRS SOURCE: "RAW MAT'L"										

MOORE BUSINESS FORMS

COPIES: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☒

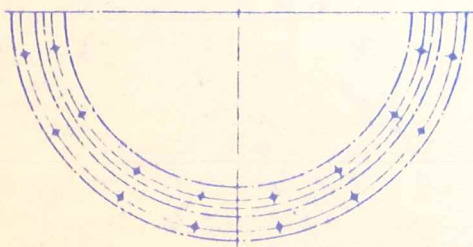
ENGR	OFFICE	PROD.	MACH.	ASSEM.	H. & V.	WHL	MADE BY:
	X	X		X	X	X	S. SUTHERLAND

MADE BY:

S. SUTHERLAND

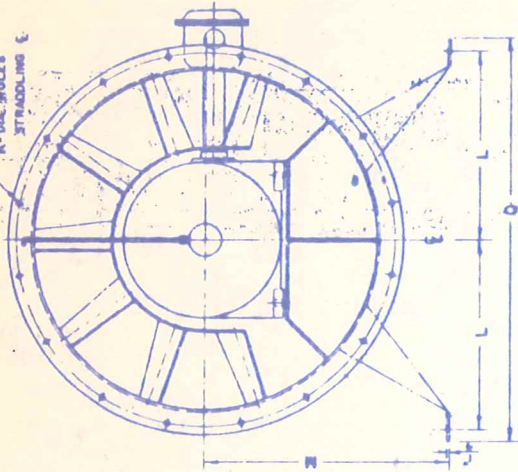
J - NUMBER OF K-DIA HOLES

OUTLET CONE
DIMENSIONS SAME
AS FOR INLET CONE



ACCESS DOOR

J - NUMBER OF K-DIA HOLES STRADDLING

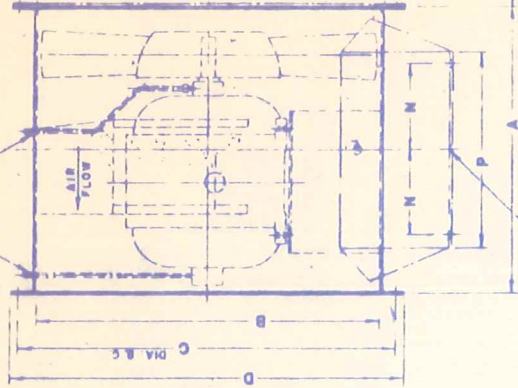


TOTAL LENGTH OF UNIT EQUAL SUM OF A PLUS E
ON T OR E1 - AS REQUIRED ON ORDER

GREASE TUBES OMITTED
ON MOTORS WITH
PRE-GREASED BEARINGS.

INLET CONE

INLET BELL



NOTE: TUBE AXIAL PARS DO NOT INCLUDE VANES

SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	W	X
15	14	15	17	18	7	18	20	21	8	5	8	12	6	9	18	4	16	3	19	4	8
18	18	18	20	21	9	21	23	24	8	5	10	13	8	12	21	4	18	3	23	6	10
21	20	21	23	24	11	25	27	28	8	5	11	15	10	13	24	4	19	4	27	6	10
24	22	24	26	27	12	28	30	31	8	7	13	17	6	15	27	6	18	4	31	6	10
28	25	28	30	31	14	33	35	36	12	7	15	19	7	17	31	6	19	5	36	6	10
32	28	32	34	35	16	38	40	41	12	7	17	22	8	19	36	6	11	6	41	12	16
36	30	36	38	39	18	43	45	46	12	7	19	25	8	20	40	6	11	7	46	12	16
42	35	42	44	45	21	50	52	53	16	7	22	29	9	23	47	6	11	8	54	12	16
48	40	48	50	52	24	57	59	60	16	7	25	33	11	27	53	6	7	9	61	12	16
54	45	54	57	58	27	64	66	67	20	8	28	38	14	32	59	6	7	11	70	12	16

OR WILLY V V DATE: JULY 30/70
SUPERSEDES
CWK ISSUE OF 3W-49256

TYPE "B" TUBEXIAL FAN -
ARRANGEMENT NO. 4

CB&F NO. 76-G-731 S.O. NO. T-6

CANADIAN BLOWER & FORGE
CO. LTD.
KITCHENER ONTARIO

501244

CERTIFIED CORRECT YES ☒ NO ☐
FOR CONSTRUCTION PURPOSES CHK BY DM
DATE 9-13-76

FOR APPROVAL YES ☐ NO ☒
FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED

REVISED YES ☐ NO ☒
DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE

TOTAL

SHIP TO

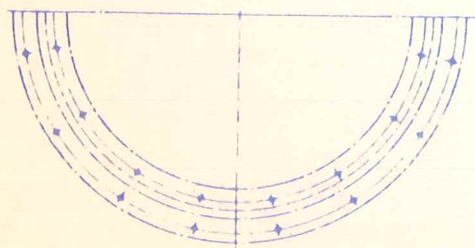
SOLD TO

NORRIS WARMING CANADA LIMITED

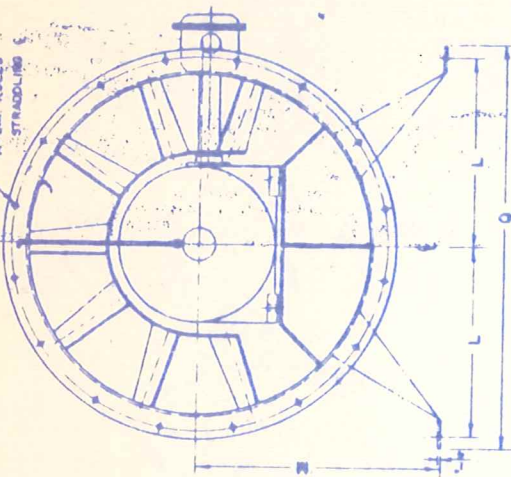
DATE OF ORDER June 7/76		CUSTOMER ORDER NO.		USED BY: F.O.B. KITCHENER		FED. SALES TAX		BRANCH Mt1.		
VIA				PROV. SALES TAX NO.		NO. INVOICES REQ'D.		SALESMAN Schick		
MAILING ADDRESS FOR INVOICES DEFINITE CORRECT X				FOR APPROVAL NOT REQ'D		REVISED DESTROY ALL PRINTS SUBMITTED PREVIOUS TO		SHIPMENT TAG: ITEM NO. 7		
INSTRUCTION PURPOSES DM 9-13-76				FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED		DATE		NAMEPLATE TAG: 221-602-207 HULL 221		
QTY	ITEM NO.	QUANTITY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	ORDER NO.	
	T-7	1	32	MB Tube				4	SEPT 23/76 76-G-731 T-7	
				H.P.	1800	PHASE	CYCLE	VOLT		
				15	1200	3	60	440	TEAO	
				MOTOR					#284T	
				MOTOR BASE	DOT					
					1180					
				C.B. & F.	<input checked="" type="checkbox"/>	CUST.	<input type="checkbox"/>	C.B. & F.	<input checked="" type="checkbox"/>	
								CUST.	<input type="checkbox"/>	
				GROOVES	BELT SIZE	MOTOR SHEAVE	BORE - KW	CTRS.		
				<input type="checkbox"/>				<input type="checkbox"/>		
				CONSTANT	VARI-PITCH	FAN SHEAVE	BORE - KW			
				<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
				SET ADJ. SH	TURN (S) FROM CLOSED POSITION			BELTS	<input type="checkbox"/>	
				VIB.	TYPE	POS.	FRAME	MISC.		
				<input type="checkbox"/>						
				BASE						
				BELT	OPEN MESH	STANDARD				
				<input type="checkbox"/>	<input type="checkbox"/>					
				GUARD						
				<input type="checkbox"/>						
				LOUVRES	STANDARD	HEAVY DUTY				
				<input type="checkbox"/>	<input type="checkbox"/>					
				21000/15000	S.P.	O.V.	1750	B.N.P.	TEMP.	
				1180	1					
				C.F.M.						
				FOREIGN MATERIAL MISC.						
				- MB wheel - fans built to withstand 10 g. ADD 2 REINFORCING RINGS 1/4 x 1 1/2" B.I x 11 3/8" DWG# 583618						*NOTE: USE HUB PER DWG# 457261 3/4 DIA x 4 1/4 LG MOH CRS MTR BRACKET DWG 271630 1-TOP RT 26 3/4 x 14 x 3/8 MOH HRS 2-GUSSETS 8 3/8" x 14 x 3/8 MOH HRS 2-EARS 6 7/8" x 3" x 3/8 RT. BAR NADON SOURCE: "RAW MAT"
MOORE BUSINESS FORMS										
COPIES: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/>										
ENG'R	OFFICE	PROD.	MACH.	ASSEM.	H. & V.	WHL	MADE BY: S. SUTHERLAND			

J - NUMBER OF K-DIA HOLES

OUTLET CONE
DIMENSIONS SAME
AS FOR INLET CONE



ACCESS DOOR



STANDARD LOCATION OF ACCESS DOOR
R.H. SIDE FACING OUTLET END, SPECIFY
L.H. SIDE, TOP OR BOTTOM IF DESIRED.

TOTAL LENGTH OF UNIT EQUAL SUMS OF ABOVE
ON T OR E1 - AS REQUIRED ON ORDER

NOTE: TUBE AXIAL FANS DO NOT INCLUDE VANES

SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
15	14	15 ¹ / ₂	17 ¹ / ₂	18 ¹ / ₂	7 ¹ / ₂	18	20	21 ¹ / ₂	8	5	8 ¹ / ₂	12	6	9 ¹ / ₂	18 ¹ / ₂	4	9	3	19 ¹ / ₂	4	8	
18	18 ¹ / ₂	18 ¹ / ₂	20 ¹ / ₂	21 ¹ / ₂	9	21 ¹ / ₂	23 ¹ / ₂	24 ¹ / ₂	8	5	10	13 ¹ / ₂	8	12 ¹ / ₂	21 ¹ / ₂	4	9	3 ¹ / ₂	23 ¹ / ₂	6	10	
21	20	21 ¹ / ₂	23 ¹ / ₂	24 ¹ / ₂	11	25	27	28 ¹ / ₂	8	5	11 ¹ / ₂	15 ¹ / ₂	10	13 ¹ / ₂	24 ¹ / ₂	4	9	4 ¹ / ₂	27 ¹ / ₂	6	10	
24	22 ¹ / ₂	24 ¹ / ₂	26 ¹ / ₂	27 ¹ / ₂	12	28 ¹ / ₂	30 ¹ / ₂	31 ¹ / ₂	8	7	13 ¹ / ₂	17	6	15 ¹ / ₂	27 ¹ / ₂	6	9	4 ¹ / ₂	31	6	10	
28	25	28 ¹ / ₂	30 ¹ / ₂	31 ¹ / ₂	14	33 ¹ / ₂	35 ¹ / ₂	36 ¹ / ₂	12	7	15 ¹ / ₂	19 ¹ / ₂	7 ¹ / ₂	17 ¹ / ₂	31 ¹ / ₂	6	9	5 ¹ / ₂	36 ¹ / ₂	6	10	
32	28	32 ¹ / ₂	34 ¹ / ₂	35 ¹ / ₂	16	38	40	41 ¹ / ₂	12	7	17 ¹ / ₂	22	8	19 ¹ / ₂	36 ¹ / ₂	6	11	6 ¹ / ₂	41 ¹ / ₂	12	16	X
36	30	36 ¹ / ₂	38 ¹ / ₂	39 ¹ / ₂	18	43	45	46 ¹ / ₂	12	7	19 ¹ / ₂	25	8	20 ¹ / ₂	40 ¹ / ₂	6	11	7 ¹ / ₂	46 ¹ / ₂	12	16	
42	35	42 ¹ / ₂	44 ¹ / ₂	45 ¹ / ₂	21	50	52	53 ¹ / ₂	16	7	22 ¹ / ₂	29	9	23 ¹ / ₂	47 ¹ / ₂	6	7	8 ¹ / ₂	54 ¹ / ₂	12	16	
48	40	48 ¹ / ₂	50 ¹ / ₂	52 ¹ / ₂	24	57	59	60 ¹ / ₂	16	7	25 ¹ / ₂	33	11	27 ¹ / ₂	53 ¹ / ₂	6	7	9 ¹ / ₂	61 ¹ / ₂	12	16	
54	45	54 ¹ / ₂	57	58 ¹ / ₂	27	64	66 ¹ / ₂	67 ¹ / ₂	20	9	28 ¹ / ₂	38	14	32 ¹ / ₂	59 ¹ / ₂	6	7	11	70	12	16	

CERTIFIED CORRECT YES ☒ NO ☐
FOR CONSTRUCTION PURPOSES CH K BY DM DATE 9-13-76

FOR APPROVAL YES ☐ NO ☒
FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED

REVISED YES ☐ NO ☒
DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE

DR. WILLY M.V. DATE: JULY 30/70
SUPERSEDES ISSUE OF 5W-4925H

TYPE "B" XXXXXXXXXX TUBE AXIAL FAN
ARRANGEMENT NO. 4

CANADIAN BLOWER & FORGE CO. LTD. KITCHENER ONTARIO

501244

CBF NO. 76-G-73J S.O. NO. 1-7

For Norris Warming Canada Limited

SHOW INVOICING DATA ONLY BELOW THIS LINE

TOTAL

SOLD TO

SHIP TO

NORRIS WARMING CANADA LIMITED

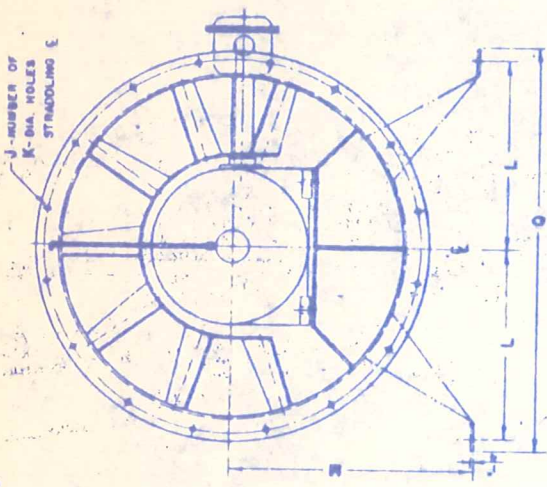
OF ORDER June 7/76		CUSTOMER ORDER NO.		USED BY: F.O.B. KITCHENER		FED. SALES TAX		BRANCH Mtl.			
VIA				PROV. SALES TAX NO.		NO. INVOICES REQ'D.		SALESMAN Schick			
MAILING ADDRESS FOR INVOICES OTHER THAN SOLD TO CERTIFIED CORRECT FOR INSTRUCTION PURPOSES DATE DM 9-13-76				FOR APPROVAL NOT REQ'D. FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED		REVISED DESTROY ALL PRINTS SUBMITTED PREVIOUS TO DATE		SHIPMENT TAG: ITEM NO. 8 CONTROL ROOM SUPPLY FAN.			
				NAMEPLATE TAG: 221-602-207 Hull 221							
QTY	QUANTITY	FAN SIZE	TYPE	WIDTH	ROTATION	DISCHARGE	ARR.	BEARINGS	CLASS	DATE	ORDER NO.
T-8	1	28	LB TUBE				4			SEPT 23/76	76-G-731 T-8
		MOTOR	5	1750 1200	3	60	440	TEAO	#215T		
MOTOR BASE NOT IDENTIFIED BY				MOTOR MOUNTED BY							
C.B. & F. <input checked="" type="checkbox"/>				CUST. <input type="checkbox"/>				C.B. & F. <input checked="" type="checkbox"/>			
CUST. <input type="checkbox"/>				CUST. <input type="checkbox"/>							
GROOVES				BELT SIZE				MOTOR SHEAVE			
V-BELT				CONSTANT				VARI. PITCH			
DRIVE				FAN SHEAVE				BORE - KW			
SET ADJ. SH				TURN(S) FROM CLOSED POSITION				BELTS			
VIB.				TYPE				POS.			
BASE				FRAME				MISC.			
BELT				OPEN MESH				STANDARD			
GUARD				STANDARD				HEAVY DUTY			
LOUVRES				6000/4000				2/1			
				C.F.M.				O.V.			
				1750				B.H.P.			
				1200				TEMP.			
FOREIGN MATERIAL MISC.											
- fans to withstand 10 g loading				ADD 1 REINFORCING RING				2 - GUSSETS $8\frac{3}{8} \times 9 \times \frac{1}{4}$ RT			
- LB wheel.				$\frac{1}{4} \times 1\frac{1}{2}$ S.I. x 101 $\frac{3}{8}$				2 - EARS $7 \times 3 \times \frac{1}{4}$ RT			
				DWG# 45B114				SOURCE: "RAW MAT'L"			
MOORE BUSINESS FORMS				COPIES: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/>							
ENG'R		OFFICE		PROD.		MACH.		ASSEM.		H. & V.	
										MADE BY: S. SUTHERLAND	

OUTLET CONE
DIMENSIONS SAME
AS FOR INLET CONE

J - NUMBER OF
K - DIA HOLES

ACCESS DOOR

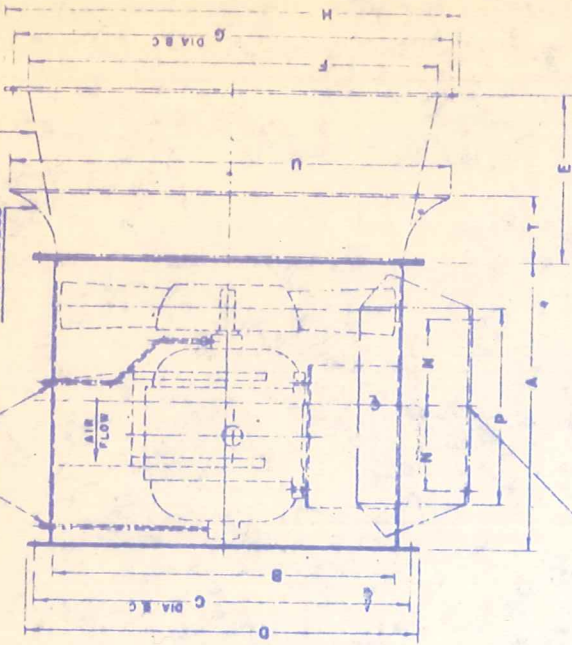
STANDARD LOCATION OF ACCESS DOOR
R.H. SIDE FACING OUTLET END. SPECIFY
L.H. SIDE, TOP OR BOTTOM IF DESIRED.



GREASE TUBES OMITTED
ON MOTORS WITH
PRE-GREASED BEARINGS

INLET BELL

INLET CONE



NOTE: TUBE AXIAL FANS DO NOT INCLUDE VANES

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	W	X
15	14	15	17	18	7 1/2	18	20	21	8	5	8 1/2	12	6	9 1/8	18	4	9	3	19 1/2	4	8	
18	18 1/2	18 3/4	20 1/2	21 1/2	9	21 1/2	23 1/2	24 1/2	8	5	10	13 1/2	8	12 1/4	21 1/8	4	9	3 1/2	23 1/2	6	10	
21	20	21 1/2	23 1/2	24 1/2	11	25	27	28 1/2	8	5	11 1/2	15 1/2	10	13 1/4	24 1/8	4	9	4 1/2	27 1/2	6	10	
24	22 1/2	24 1/2	26 1/2	27 1/2	12	28 1/2	30 1/2	31 1/2	8	7	13 1/4	17	6	15 3/8	27 1/8	6	9	4 3/4	31	6	10	
28	25	28 1/2	30 1/2	31 1/2	14	33 1/2	35 1/2	36 1/2	12	7	15 1/4	19 1/2	7 1/4	17 1/4	31 1/8	6	9	5 1/6	35 1/2	6	10	X
32	28	32 1/2	34 1/2	35 1/2	16	38	40	41 1/2	12	7	17 1/2	22	8	19 1/2	36 1/8	6	11	6 1/2	41 1/2	12	16	
36	30	36 1/2	38 1/2	39 1/2	18	43	45	46 1/2	12	7	19 1/2	25	8	20 3/4	40 3/8	6	11	7 1/4	46 1/2	12	16	
42	35	42 1/2	44 1/2	45 1/2	21	50	52	53 1/2	16	7	22 1/2	29	9	23 1/8	47 1/4	6	7	8 3/8	54 1/2	12	16	
48	40	48 1/2	50 1/2	51 1/2	24	57	59	60 1/2	16	7	25 1/2	33	11	27 1/8	53 1/4	6	7	9 1/2	61 1/2	12	16	
54	45	54 1/2	57 1/2	58 1/2	27	64	66 1/2	67 1/2	20	8	28 1/2	38	14	32 1/8	59 1/2	6	7	11	70	12	16	

TOTAL LENGTH OF UNIT - EQUAL SUM OF A PLUS E
ON T OR E - AS REQUIRED ON ORDER

CERTIFIED CORRECT
YES ☒ NO ☐
FOR CONSTRUCTION
PURPOSES
CHK BY: DM
DATE: 9-13-76

FOR APPROVAL
YES ☐ NO ☒
FABRICATION WILL NOT
BEGIN UNTIL THIS PRINT
IS RETURNED APPROVED
OR WITH CHANGES NOTED.

REVISED
YES ☐ NO ☒
DESTROY ALL PRINTS
SUBMITTED PREVIOUS TO
DATE:

DR. WILLY M.V. DATE: JULY 30/70
SUPERSEDES
ISSUE OF 3W-19258

TYPE "B" VAN-XXXXX-XXXXX TUBE AXIAL FAN
ARRANGEMENT NO. 4

CANADIAN BLOWER & FAN
CO. LTD.
KITCHENER ONTARIO

501244

CBAF NO. 76-G-731 S.O. NO. L-8

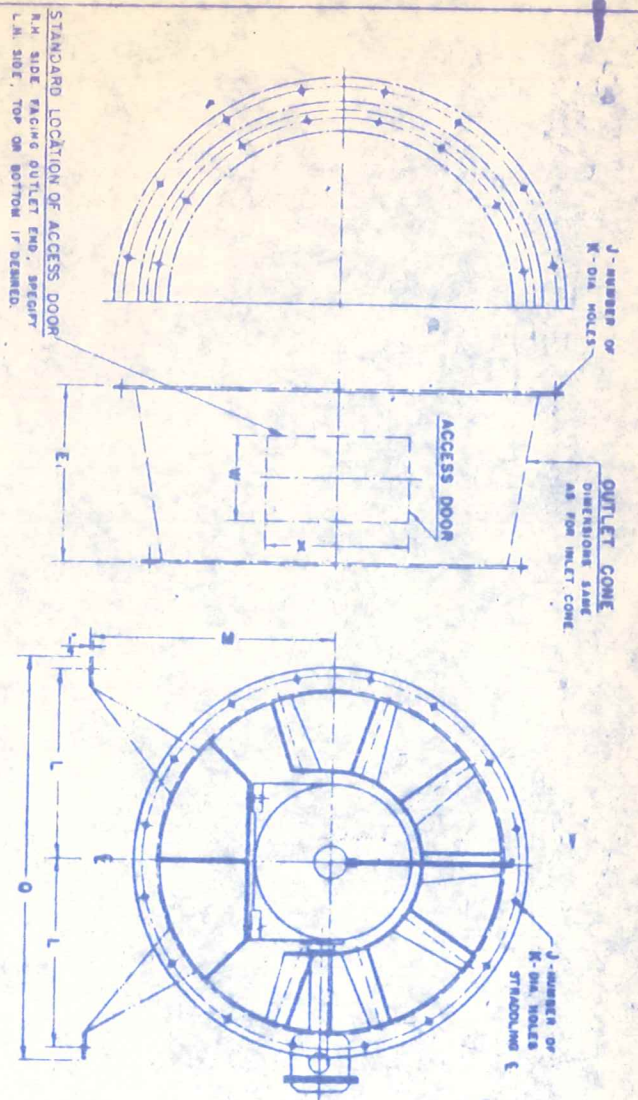
For Norris Warming Canada Limited

SOLD TO

SHIP TO

NORRIS WARMING CANADA LIMITED

OF ORDER June 7/76		CUSTOMER ORDER NO.		USED BY: F.O.B. KITCHENER		FED. SALES TAX		BRANCH Mtl.	
VIA				PROV. SALES TAX NO.		NO. INVOICES REQ'D.		SALESMAN Schick	
MAILING ADDRESS FOR INVOICE OTHER THAN SOLD TO				SHIPMENT TAG: ITEM NO. 9 CONTROL ROOM EXHAUST FAN					
CERTIFIED CORRECT <input checked="" type="checkbox"/> FOR CONSTRUCTION PURPOSES CHK BY DM DATE 9-13-76				POR APPROVAL <input checked="" type="checkbox"/> NOT REQ'D. FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED		REVISED <input type="checkbox"/> DESTROY ALL PRINTS SUBMITTED PREVIOUS TO		NAMEPLATE TAG: 221-602-207 Hull 221	
T-9 1 24 LB Tube				BEARINGS 4		CLASS		DATE SEPT 23/76 76-G-731 T-9	
MOTOR 3 1750 3 60 440 TRAO #182T				FRAME STOCK NO.		STOCK <input type="checkbox"/> <input checked="" type="checkbox"/>		ASSEMBLY B.M. 8658 REF	
MOTOR BASE DOT 1825-45				MOTOR MOUNTED BY		C.B. & F. <input checked="" type="checkbox"/> CUST. <input type="checkbox"/>		ASSEMBLY DRAWINGS 501790-7 REF 458115 ALSO	
V BELT <input type="checkbox"/> <input checked="" type="checkbox"/>				GROOVES <input type="checkbox"/> BELT SIZE <input type="checkbox"/> MOTOR SHEAVE <input type="checkbox"/> BORE - KW <input type="checkbox"/> CTRS <input type="checkbox"/>		BLASTWHEEL DW 67W-51293-13 CARD M 915 "STOCK"		DIAMETER 24"	
DRIVE <input type="checkbox"/> <input type="checkbox"/>				CONSTANT <input type="checkbox"/> VARI-PITCH <input type="checkbox"/> FAN SHEAVE <input type="checkbox"/> BORE - KW <input type="checkbox"/>		TYPE STD STL "LB"		BORE 1 1/8"	
SET ADJ. SH <input type="checkbox"/> TURN(S) FROM CLOSED POSITION <input type="checkbox"/> BELTS <input type="checkbox"/>				VIB. <input type="checkbox"/> TYPE <input type="checkbox"/> POS. <input type="checkbox"/> FRAME <input type="checkbox"/> MISC. <input type="checkbox"/>		K.W. 1/4" x 1/8"		BEARINGS <input type="checkbox"/>	
BASE <input type="checkbox"/> OPEN MESH <input type="checkbox"/> STANDARD <input type="checkbox"/>				LOUVRES <input type="checkbox"/> STANDARD <input type="checkbox"/> HEAVY DUTY <input type="checkbox"/>		BORE <input type="checkbox"/>		MISC. MOTOR BASE PER DWG# 458115	
6000 C.F.M. 1 O.V. <input type="checkbox"/> R.P.M. 1750 B.H.P. <input type="checkbox"/> TEMP. <input type="checkbox"/>				FOREIGN MATERIAL MISC.		1-TOP RT. 20 3/4" x 9" x 1/4" RT MON HRS		2-GUSSETS 7" x 9" x 1/4" RT MON HRS	
- fan to withstand 10 g loading - LB wheel.				ADD-ONE REINFORCEMENT RING 1/4" x 1 1/2" B.I. x 88 7/16		2-EARS 5 5/8" x 3 3/4" x 1/4"		2-EARS 5 5/8" x 3 3/4" x 1/4"	
MOORE BUSINESS FORMS				COPIES: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/>		MADE BY:		S. SUTHERLAND	
ENG R		OFFICE		PROD.		MACH.		ASSEM.	



NOTE: TUBE AXIAL TRANS DO NOT INCLUDE VANCES

SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	W	X
15	14	1532	174	183	72	18	20	21 ₁₆	8	9	82	12	6	9	181	4	16	3	192	4	8
18	18 ₂	183	204	216	9	212	233	24 ₁₆	8	16	10	132	8	123	216	4	16	316	234	6	10
21	20	217	233	246	11	25	27	283	8	16	113	152	10	134	246	4	16	416	274	6	10
24	222	244	268	278	12	282	303	316	8	16	134	17	6	153	275	6	16	43	31	6	10
28	25	283	304	316	14	332	352	36 ₁₆	12	16	154	192	74	171	316	6	16	516	362	6	10
32	28	323	343	357	16	38	40	41 ₁₆	12	16	172	22	8	192	368	6	16	63	412	12	16
36	30	362	382	397	18	43	45	46 ₁₆	12	16	192	25	8	202	403	6	16	716	462	12	16
42	35	423	442	458	21	50	52	53 ₁₆	16	16	223	29	9	223	471	6	16	83	544	12	16
48	40	483	503	526	24	57	59	60 ₁₆	16	16	254	33	11	278	534	6	16	92	616	12	16
54	45	542	57	596	27	64	66	67 ₁₆	20	16	287	38	14	328	592	6	16	11	70	12	16

DR. WILLY V.V. DATE: JULY 30/70
 SUPERSEDES ISSUE OF 5W-4-9236
 TYPE "B" XHMBXOMKXXNM TUBEAXIAL FAN
 ARRANGEMENT NO. 4
 CBAF NO. Z6-G-731
 S.O. NO. T-9
 CANADIAN BLOWER & FORGE CO. LTD. KITCHENER ONTARIO
 ONE "B" 501244

CERTIFIED CORRECT YES ☒ NO ☐
 FOR CONSTRUCTION DM
 DATE: 9-13-76
 FOR APPROVAL YES ☐ NO ☒
 FABRICATION WILL NOT BEGIN UNTIL THIS PRINT IS RETURNED APPROVED OR WITH CHANGES NOTED.
 DATE:
 REVISED YES ☐ NO ☒
 DESTROY ALL PRINTS SUBMITTED PREVIOUS TO

For Norris Warming Canada Limited