



INLET SIDE ELEVATION

CROSS SECTION

BILL OF MATERIAL						
ITEM QTY	REF NO	DESCRIPTION	MATL	AMT	VT	REMARKS
1	SEE DWG 1	VORTEX HUB ASSEMBLY	A-36			SEE DWG 1
1	SEE DWG 2	BLADE	A-36			SEE DWG 2
10	SEE DWG 3	BLADE NUTS	A-36			SEE DWG 3
1	SEE DWG 4	BLADE RODS	A-36			SEE DWG 4
1	SEE DWG 5	BLADE PINNACLES	A-36			SEE DWG 5
1	SEE DWG 6	OUTER BLADE BEARING	A-36			SEE DWG 6
1	SEE DWG 7	DRIVE SHAFT	A-36			SEE DWG 7
1	SEE DWG 8	DRIVE LEVER	A-36			SEE DWG 8
1	SEE DWG 9	HEX NUT V/C-ROD	A-36			SEE DWG 9
1	SEE DWG 10	HEX NUT 3/8\"/>				

NOTES

- 1 CW BLADE ROTATION VIEWED FROM V-LET SIDE OF DAMPER
- 2 CCW BLADE ROTATION VIEWED FROM PALET SIDE OF DAMPER

- 1 FOR CCW DRIVE ROTATION FAN----- ASSEMBLY AS SHOWN
- 2 FOR CW DRIVE ROTATION FAN----- ASSEMBLY OPPOSITE HAND

FAN SIZE	DR	ASSEMBLY PART NUMBER	PALET CODE PART NUMBER	BLADE	BLADE ROD	QUADRANT	OPER LEVER	A	B	C	D	E	F	G	H	J	K
1 3/8 UC	CW	33R-64478-9	F-129778-3	R-64477	F-129780-2	F-129781	F-129782	5 3/4	9 1/8	4 13/16	2 3/8	7	5 1/2	16 1/2	19 27/64	19 1/2	7 1/8
1 1/2 UC	CW	33R-64478-9	F-129960-1	R-65248	F-129961-2	F-129963	F-129962	16 5/8	9 21/32	5 3/8	2 7/16	7 5/8	16 5/8	17 7/8	21 3/16	21 1/4	9 1/8

NO	BY	DATE	REVISIONS
1	W.A.	10/11/81	REVISED AND RE-DRAWN OF: CAD

**FAN SERVICES**  
**INCORPORATED**

West Chicago, IL  
USA

DES 3 VORTEX CONTROL ASSEMBLY FOR SIZE 1 3/8 THRU 1 1/2 UC FANS

DATE: 1/17/80

DRAWN BY: R-64478

CHECKED BY: W.A.

DATE: 10/23/89

APPROVED BY: [Signature]

DATE: [Blank]

CONFORMS TO STANDARD

SHEET 1 OF 1