

AR SERIES ORGAN
 EARMARK FOR
 #11690 ST. THOMAS LUTHERAN CHURCH, MIAMI, FLORIDA
 SPECIFICATIONS FOR SERIES 80-8 ORGAN
 TO BE COMPLETED - SEPTEMBER 12, 1985

2/8+1

GENERAL

(1) ORGAN

Cabinet & Enclosure	Great - Exposed - Provide Enclosures
Wood & Finish	Swell - Standard Design (Special grille section)
Action	Rift Sawn Oak, to customer's sample M-4150-2
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak, to customer's sample M-4150-
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes (4 oz. touch)
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric with under-key contacts

(3) BLOWER (~~In~~ Swell Organ Cabinet)

Type	Ventus ⁶¹¹⁴¹⁰ 610810 - ^{.75} .45 HP - ³³⁶⁰ 2800 RPM
Wind	300 c.f.m. @ 4" ^{5"} 4" Outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - ^{6.6} 4 Amperes
Overall Size	1'-2 3/4" L x 1'-6" W x 1'-4" H
	^{Below} 1'-11/4" 1'-7 5/16" 1'-9"

(4) POWER UNIT (~~In~~ Swell Organ Cabinet)

Rating	DC Output: 10-15 Volts - 30 Amperes
AC Input	1 Phse - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	8	Principal-----	85 pipes
2	8	Rohrflöte-----	from #9-----61 notes
3	8	Gemshorn -----	from #10 -----61 notes
4	4	Octave -----	from #1 -----61 notes
5	4	Rohrflöte -----	from #9-----61 notes
6	2	Super Octave-----	from #1-----61 notes
7	III-IV	Mixture-----	208 pipes
8		Blank	

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE	
<u>GREAT ORGAN</u> - Exposed								
Principal	8	85	45	17-1/2	1/4	15 Zinc S.M.	3-1/2"	
Mixture	III-IV	208	See Formula Below					3-1/2"
<u>SWELL ORGAN</u> - Enclosed								
Rohrflöte	8	80	CC to BB Reg. Art. Tapered Bass TC 68	21-1/2	2/9	Wood 6 Zinc C.M. Sm. I.S. Chimneys 19-62 Pull in 8 scales between #62-73	3-1/2"	
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"	
Trompette	8	61	2-1/4"	#1-6	1/2 length	Zinc & S.M. D(F) Eschallots	3-1/2"	

PEDAL ORGAN

* Bordun	16	12	Reg. Man. Bourdon			Wood	3-1/2" 4-1/2"
Contre Trompette	16	12	3" 1/2 length			D(F) Eschallots Zinc	3-1/2"

(*) Exposed

GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12
26	22	19	15	15	15
29	26	22	19	19	
	29	26	22		
1-17	18-29	30-36	37-49	50-54	55-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	

AEN/mr
12/19/84