

AR SERIES ORGAN
 EARMARK FOR
 #11691 FIRST UNITED METHODIST CHURCH, CLOVER, SOUTH CAROLINA
 SPECIFICATIONS FOR SERIES 80-8 + ORGAN
 TO BE COMPLETED - JUNE 1, 1985

2/9
GENERAL

(1) ORGAN

Cabinet & Enclosures	Great - Exposed - Provide chest enclosures Swell - Silvite Cabinet - Installed in chamber Layout will be provided
Wood & Finish	Enclosures - Rift Sawn Oak, to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Rift Sawn Oak, to customer's sample
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric with under-key contacts

(3) BLOWER (mounted in Blower Room)

Type	<i>Venturo 611410 3/4</i> 3360 2-P-2116 - 1/2 HP - 1750 RPM
Wind	340 c.f.m. @ 4" - 6" outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - <i>6.6</i> Amperes
Overall Size	2'-5 3/4" x 1'-10 3/8" x 2'-6 1/4" high <i>1'-5 3/4" 1'-9 1/2" 1'-7 1/8"</i>

(4) POWER UNIT (mounted in Right organ space)

Rating	DC Output: 10-15 Volts - 30 Amperes
AC Input	1 Phase - 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		Chimes ----- Mayland bells and electric action, relay, transformer and volume control, A to F, #22-42-----	21 bells

SWELL ORGAN (Enclosed)

9	8	Rohrflöte-----	80 pipes
10	8	Gemshorn -----	80 pipes
11	8	Gemshorn Celeste TC -----	49 pipes
12	4	Rohrflöte-----from #9-----	61 notes
13	4	Gemshorn-----from #10-----	61 notes
14	2	Rohrflöte -----from #9--(repeat 5 top notes)-----	61 notes
15	1-1/3	Larigot-----from #10--(repeat top octave)-----	61 notes
16	1	Sifflöte-----from #9---(repeat 17 top notes) -----	61 notes
17	8	Trompette-----	61 pipes
18	4	Clairon-----from #17--(repeat top octave) -----	61 notes
19		Tremolo	

PEDAL ORGAN

**	20	16	Principal-----12 pipes, 20 from #1-----	32 notes
**	21	16	Bourdon -----12 pipes, 20 from #9-----	32 notes
	22	8	Principal-----from #1-----	32 notes
	23	8	Rohrflöte-----from #9-----	32 notes
	24	4	Octave-----from #1-----	32 notes
	25	4	Rohrflöte-----from #9-----	32 notes
	26	III	Mixture-----from #7-----	32 notes
	27	16	Contre Trompette---12 pipes, 20 from #17-----	32 notes
	28	8	Trompette-----from #17-----	32 notes
	29	4	Clairon -----from #17-----	32 notes

(**) Unenclosed

COUPLERS

30	Great to Pedal
31	Swell to Pedal
32	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3	Affecting Great Organ
Pistons No. 1-2-3	Affecting Swell Organ
Toe Levers No. 1-2	Affecting Pedal Organ
Pistons No. 1-2-3-4	Affecting Full Organ
General Cancel	

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent music rack with light
Pedal light
Motor and power unit on-off switch (lock type) with indicator light (amber jewel)
and related electrical wiring.

AEN/mr
1/10/85

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	16 Zinc S.M.	1-16 4-1/2" 17 up 3-1/2"	
Mixture	III-IV	208	See Formula Below					3-1/2"
<u>SWELL ORGAN</u> - Enclosed								
Rohrflöte	8	80	CC to BB TC 68	Reg. Art. Tapered Bass 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"	
Gemshorn Celeste TC	8	49	56-1/2 @ CC	19-1/2	2/9	5 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

Bourdon	16	12	Reg. Man. Bourdon			Wood	4-1/2"
Contre Trompette	16	12	3"	1/2 length		D(F) Eschallots Zinc	3-1/2"
Principal	16	12	33	17-1/2	1/4	Zinc	4-1/2"

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.	