

AR SERIES ORGAN
 EARMARK FOR
 #11713, SAINT COLETTE PARISH, ROLLING MEADOWS, ILLINOIS
 SPECIFICATIONS FOR SERIES 80-10+ ORGAN
 TO BE COMPLETED - AUGUST 1, 1986

GENERAL

(1) ORGAN

Cabinets Two (2) Required	Standard Design
Wood & Finish	Rift Sawn Oak, M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design <i>(movable platform by other)</i>
Wood & Finish	Rift Sawn Oak, M-4150-2
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 Space)

Type	2-P-2116 - ^{3/4} 1/2 HP - 1750 RPM
Wind	400 c.f.m. @ 4" - 6" outlet
Current Specification	3 Phase - 60 Cycles - 240 Volts - ^{2.4} 3.6 Amperes
Overall Size	2'-5 3/4" x 1'-10 3/8" x 2'-3 1/4" high

(4) POWER Unit (mounted under Swell Organ)

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 (Enclosed)

1	16	Bourdon-----	92 pipes
2	8	Principal -----	80 pipes
3	8	Gedeckt -----from #1-----	61 notes
4	8	Gemshorn-----from #14-----	61 notes
5	4	Octave-----from #2-----	61 notes
6	4	Gedeckt -----from #1-----	61 notes
7	2	Super Octave -----from #2--(repeat 5 top notes)-----	61 notes
8	2	Flute -----from #1--(repeat 5 top notes)-----	61 notes
9	III-IV Rks.	Mixture-----	208 pipes
10	8	Trompette-----from #21-----	61 notes
11		Chimes -----(prepared for in console only)	
12		Tremolo	

SWELL ORGAN (Enclosed)

13	8	Rohrflöte-----	73 pipes
14	8	Gemshorn -----	80 pipes
15	8	Gemshorn Celeste TC-----(prepared for in console only)	
16	4	Spitzprincipal-----	73 pipes
17	4	Rohrflöte-----from #13-----	61 notes
18	2	Spitzoctave-----from #16-----	61 notes
19	1-1/3	Larigot-----from #14--(repeat top octave)-----	61 notes
20	1	Klein Octave-----from #16 (repeat top octave)-----	61 notes
21	16	Contre Trompette -----	80 pipes
22	8	Trompette -----from #21-----	61 notes
23	4	Clairon -----from #21-----	61 notes
24		Tremolo	

PEDAL ORGAN

*	25	16	Principal-----12 pipes, 20 from #2-----	32 notes
	26	16	Bourdon-----from #1 -----	32 notes
	27	8	Principal-----from #2 -----	32 notes
	28	8	Rohrflöte-----from #13 -----	32 notes
	29	4	Octave-----from #2-----	32 notes
	30	4	Gedeckt-----from #1-----	32 notes
	31	III Rks.	Mixture-----from #9-----	32 notes
	32	16	Contre Trompette----from #21-----	32 notes
	33	4	Clairon-----from #21-----	32 notes
	34	32	Reed Cornet-----from #21-----	32 notes

* Exposed

COUPLERS

35	Great to Pedal
36	Swell to Pedal
37	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6 Affecting Entire Organ

PEDAL MOVEMENTS

- Balanced Expression Pedal - Great Organ (8 contacts, make to close)
- 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.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
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GREAT ORGAN - Enclosed

Bourdon	16	92	CCC to BBB CC to BB TC 68	Reg. Man. Reg. Art. 21-1/2	Bourdon Tapered Bass 2/9	Wood Wood 5 Zinc CM	#1-16 4-1/2 #17 up 3-1/2	
Principal	8	80	45	17-1/2	1/4	19 Zinc SM	#1-12 4-1/2 #13 up 3-1/2	
Mixture	III-IV	208	See Formula Below					3-1/2

SWELL ORGAN - Enclosed

Rohrflöte	8	73	56	21-1/2	2/9	18 Zinc CM 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 SM	3-1/2
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc CM	3-1/2
Contre Trompette	16	80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & SM	3-1/2

PEDAL ORGAN - Exposed

Principal	16	12	33	17-1/2	1/4	Zinc	4-1/2
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GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12	12
26	22	19	15	15	15	15
29	26	22	19	19		
	29	26	22			
1-12	13-18	19-30	31-49	50-54	55-56	57-61

Unison 47 Sc. 17-1/2 1/4 mouth SM
 Quint ~~49~~ Sc. 17-1/2 1/4 mouth SM
 50

32 REED CORNET WIRING DIAGRAM

6-2/5 notes #1-12 plays 16 Bourdon #17-28
 4-4/7 notes #1-12 plays 16 Bourdon #23-34
 3-5/9 notes #1-12 plays 16 Bourdon #27-38
 notes #13-32 plays 16 Contre Trompette #1-20