

File

AR SERIES ORGAN
EARMARK FOR
#11051 FIRST CHRISTIAN CHURCH, EL DORADO, KANSAS
SPECIFICATIONS FOR SERIES 70-8B ORGAN

GENERAL

211

(1) ORGAN

Great Organ	No Grilles, chamber installation
Swell Organ	Organ layout will be supplied.
Wood & Finish	Fir plywood, dull charcoal brown
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

(3) BLOWER (located in Organ Space)

Type	2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4", 6" diam. outlet
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in Organ Space)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 240 Volts - 5 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Genshorn.....from #13.....	61 notes
5	4	Octave.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III-IV	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes (prepared for in console only)	
11		Tremolo	

SWELL ORGAN

12	8	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Gemshorn.....	85 pipes
14	8	Gemshorn Celeste TC.....	49 pipes
15	4	Spitzflöte.....from #12.....	61 notes
16	2	Spitzflöte.....from #12.....	61 notes
17	1-1/3	Larigot.....from #13..(repeat 7 top notes)....	61 notes
18	16	Contre Trompette.....	85 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18.....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Gemshorn.....12 pipes, 20 from #13.....	32 notes
23	16	Bourdon.....from #1.....	32 notes
24	8	Principal.....from #2.....	32 notes
25	8	Gedeckt.....from #1.....	32 notes
26	8	Gemshorn.....from #13.....	32 notes
27	4	Octave.....from #2.....	32 notes
28	4	Spitzflöte.....from #12.....	32 notes
29	III	Mixture.....from #8.....	32 notes
30	16	Contre Trompette.....from #18.....	32 notes
31	8	Trompette.....from #18.....	32 notes
32	4	Trichter Regal.....from #9.....	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, reverse system)

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)

Balanced Crescendo Pedal with indicator light (Green jewel)

ACCESSORIES

Motors and power unit on-off switch (toggle type) with indicator light (red jewel) and related wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE	
<u>GREAT ORGAN</u>								
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon		Wood	) 1-16	4-1/2"	
			CC to BB Reg. Artiste Tapered Bass		Wood	) 17 up	3-1/2"	
			TC up Reg. Artiste Treble		Wood & S.M.)			
Principal	8	73	CC 52	TC 60	18-1/2 1/4	17 Zinc S.M)	1-12 4-1/2"	
						) 13 up	3-1/2"	
Mixture	III-IV	183	See Formula Below					3-1/2"
Trichter Regal	4	61	2-1/2	Brass Tube, Funnel Top		D(F) Eschallots	3-1/2"	
<u>SWELL ORGAN</u>								
Spitzflöte T.C.	8	73	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"	
Gemshorn	8	85	CC 54	17-1/2	1/4			
			C 66-1/3	17-1/2	1/4	17 Zinc S.M.	3-1/2"	
			#56 102-2/3	18-1/2	2/9			
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC	17-1/2	1/4	5 Zinc S.M.	3-1/2"	
Contre Trompette	16	85	2-1/2"	CCC to FF half length				
				FF# up full length		Zinc & S.M.	3-1/2"	
				D(F) Eschallots				
<u>PEDAL ORGAN</u>								
Gemshorn	16	12	42	17-1/2	1/4	Zinc	3-1/2"	

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GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
1-32	33-46	47-51	52-57	58-61
Unison	48 Sc.	17-1/2	1/4 month	S.M.
Quint	49 Sc.	17-1/2	1/4 month	S.M.