

AR SERIES ORGANS
 EARMARK FOR
 #11021 COTTONWOOD 2nd WARD, LDS, SALT LAKE CITY, UTAH
 SPECIFICATIONS OF SERIES 70-8C ORGAN

2/9
GENERAL

(1) ORGAN

Cabinets, Two (2) Required Wood & Finish Action Wind Pressure Pitch	Standard Series 70 Design without grilles Fir Plywood, dull charcoal brown Organ layout will be supplied Electro-Pneumatic Offsets 4-1/2", Trebles 3-1/2" A-440 @ 70°F
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(2) CONSOLE

Cabinet Wood & Finish Manuals Manual Compass Pedal Compass Stop Controls Action	Standard Series 70 Design with roll top Rift Sawn Oak to customer's sample Two and Pedal CC to C4, 61 notes CCC to G, 32 notes Tilting Tablets All Electric
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(3) BLOWER

Type
 Rating
 Current Specifications
 Overall Size

2-P2117 3/4
~~2-P-2116 - 1/2 HP - 1750 RPM~~
 675-500 c.f.m. @ ~~4-3/8" 6" 8"~~ outlet
 1 Ph - 60 Cy - 110 Volts - ~~7.2~~ *10.4* Amperes
~~2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high~~
2' - 9 3/4" 1' - 11" 2' - 6 3/4"

(4) POWER UNIT

Rating
 Current Specification
 Overall Size

DC Output 10-15 Volts, 30 Amperes
 1 Ph - 60 Cy - 110 Volts - 10 Amperes
 14-1/2" L x 10-3/4" W x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt.....	61 notes
4	8	Gemshorn.....	from #12.....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	II	Mixture.....	122 pipes
10		Tremolo	

SWELL ORGAN

11	8	Rohrflote.....	73 pipes
12	8	Gemshorn.....	80 pipes
13	8	Gemshorn Celeste TC.....	49 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflote.....from #11.....	61 notes
16	2	Spitzoctave.....from #14.....	61 notes
17	1-1/3	Larigot.....from #12..(repeat 12 top notes)....	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18..(repeat 5 top notes)....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedeckt.....from #1.....	32 notes
25	8	Gemshorn.....from #12.....	32 notes
26	4	Octave.....from #2.....	32 notes
27	4	Rohrflöte.....from #11.....	32 notes
28	III	Mixture.....from #7 & #9.....	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clairon.....from #18.....	32 notes

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- Balanced Expression Pedal, Great Organ (8 stages, reverse system)
- Balanced Expression Pedal, Swell Organ (8 stages, reverse system)
- Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

- Motor and power unit on-off switch (toggle type) with indicator light (red jewel) and related electrical wiring.
- Concave and radiating pedal keyboard
- Organ bench with music shelf
- Music rack light
- Pedal light

PIPE ANALYSIS

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>
<u>GREAT ORGAN</u>							
Bourdon	16	92	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	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	1-12 4-1/2"
)	13 up 3-1/2"
Mixture	II	122	See Formula Below			S.M.	3-1/2"
<u>SWELL ORGAN</u>							
Rohrflote	8	73	56	21-1/2	2/9	S.M. O.S. Chimneys)	3-1/2"
						18 Zinc, S. M.)	
Gemshorn	8	80	CC 54-1/3	17-1/2	2/9	17 Zinc, S.M.)	3-1/2"
			#56 102-2/3	20-1/2	2/9)	
Gemshorn Celeste	8 TC	49	56-1/3 @ 8'	CC 17-1/2	1/5	5 Zinc, S.M.)	3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	5 Zinc, S.M.)	3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length	D(F) Eschallots)		3-1/2"
				FF# & up Full length	Zinc & S.M.)

GREAT II MIXTURE FORMULA

19	15	12
22	19	15
<u>1-49</u>	<u>50-56</u>	<u>57-61</u>

Unison	50 Sc.	18-1/2	1/4	mouth	S.M.
Quint	51 Sc.	18-1/2	1/4	mouth	S.M.