

AR SERIES ORGAN
EARMARK FOR
#11605 ZION AMERICAN LUTHERAN CHURCH, STOCKTON, CALIFORNIA
SPECIFICATIONS FOR A SERIES 80-8 ORGAN
TO BE COMPLETED - FEBRUARY 2, 1983

2/8

GENERAL

(1) ORGAN

Great Organ	Exposed, no enclosure
Swell Organ	Standard Design with detached grille
	Layout will be supplied
Wood & Finish	Cabinet - Silvite, charcoal brown
	Grille - Rift-sawn oak M-4150-2
Action	Electro-pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
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 underkey contacts for stops & couplers

(3) BLOWER (located in Great Organ area)

Type	2-P-2116 - 3/4 HP - 1750 RPM - 6" outlet
Wind	260 CFM @ 3-1/2"
Current Specification	3 Phase - 60 cycles - 240 volts - 2.6 amperes
Overall Size	2'-5-3/4" long x 1'-10 3/8" wide x 2'-6" high

POWER UNIT (located in Great Organ area)

Rating	DC Output - 10-15 Volts - 30 amperes
Current Specification	AC Input - 1 Phase - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" 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-----(prepared for in console only)	

SWELL ORGAN (Enclosed)

9	8	Rohrflöte -----	80 pipes
10	8	Gemshorn-----	80 pipes
11	8	Gemshorn Celeste TC---(prepared for in console only)	
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 5 top notes)-----	61 notes
16	1	Siffelöte-----from #9---(repeat 17 top notes)-----	61 notes
17	16	Contre Trompette -----	80 pipes
18	8	Trompette -----	61 notes
19	4	Clairon -----from #17---(repeat 5 top notes)-----	61 notes
20		Tremolo	

PEDAL ORGAN

*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 -----from #17 -----	32 notes
28	4	Clairon -----from #17 -----	32 notes

*Exposed

COUPLERS

29	Great to Pedal
30	Swell to Pedal
31	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

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

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (key type) with indicator light (amber jewel)
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Transparent music rack
 Music rack light
 Pedal light

PIPE ANALYSIS

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

Principal	8	85	45	17-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	208	See Formula Below				

SWELL ORGAN (Enclosed)

Rohrflöte	8	80	56	21-1/2	2/9	Sm.O.S. Chimneys #19-62, 18 Zinc C.M.	3-1/2"
Pull in 12 scales between #68-80							
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"
Contre Trompette 16		80	3" CCC to FF# Half length D(F) Eschallots Zinc & S.M.				3-1/2"

PEDAL ORGAN

Bourdon	16	12	RMB Sc.			Wood	3-1/2"
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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.	