

AR SERIES ORGAN
EARMARK FOR
#11688 - COMMUNITY U. C. C. (CONGREGATIONAL) SAN CARLOS, CALIFORNIA
SPECIFICATIONS FOR SERIES 80-8 ORGAN
TO BE COMPLETED - NOVEMBER 1, 1985

2/8+1

GENERAL

(1) ORGAN

Cabinet & Enclosure	Great & 16 Bourdon - Exposed - provide enclosures
Wood & Finish	Swell - Double-decked - Standard Design
Action	Rift Sawn Oak, M-4150-2
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	<i>special-casters</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 near organ cabinet)

Type	Ventus 610812 - .45 HP - 3360 RPM
Wind	300 c.f.m. @ 4" - 5" outlet
Current Specification	1 Phase - 60 Cycles - 240 Volts - Amperes
Overall Size	1' - 6 1/16" x 1' - 4-3/4" x 1' - 4-1/16" high

(4) POWER UNIT (mounted near organ cabinet)

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 (Unenclosed)

*	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)	

(*) Exposed - #5-27 inc.

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 top octave)-----	61 notes
16	1	Sifflöte-----from #9--(repeat 17 top notes)-----	61 notes
17	16	Contre Trompette-----	73 pipes
18	8	Trompette -----from #17-----	61 notes
19	4	Clairon-----from #17-(repeat top octave)-----	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 #1-8 inc.

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

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.

Blower enclosure

AEN/mr
5/10/85

PIPE ANALYSIS

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

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

SWELL ORGAN - Enclosed

Rohrflöte	8	80	CC to BB Reg. Art. Tapered Bass TC 68	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"
Contre Trompette	16	73	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

** Bourdon	16	12	Reg. Man. Bourdon			Wood	3-1/2"
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(*) Exposed #5-27 inc.

(**) Exposed #1-8 inc.

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			
1-17 1-12	18-29 13-18	30-36 19-30	37-49 31-49	50-54 50-54	55-61 55-56	57-61
Unison 47 Sc.	17-1/2	1/4	mouth	S.M.		
Quint 49 50	17-1/2	1/4	mouth	S.M.		