

AR SERIES ORGAN
 BENCHMARK FOR
 #11426 ST. BARTHOLOMEW'S CATHOLIC PARISH, LONG BEACH, CALIFORNIA
 SPECIFICATIONS OF SERIES 70-8C ORGAN

2/10
GENERAL

(1) ORGAN

Organ	Exposed Great - double-decked
	Layout will be supplied
Wood & Finish	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

(3) BLOWER (located in blower space)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	420 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 115 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 115 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----	92 pipes
2	8	Principal -----	80 pipes
3	8	Gedeckt-----from #1-----	61 notes
4	8	Gemshorn -----from #13 -----	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-III	Mixture -----	126 pipes
10		Chimes-----(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

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

PEDAL ORGAN

23	16	Principal-----12 pipes, 20 from #2-----	32 notes
24	16	Bourdon-----from #1 -----	32 notes
25	8	Principal-----from #2 -----	32 notes
26	8	Gedeckt -----from #1 -----	32 notes
27	8	Gemshorn-----from #13 -----	32 notes
28	4	Octave-----from #2 -----	32 notes
29	III	Mixture -----from #7 & 9 -----	32 notes
30	16	Contre Trompette -----from #19 -----	32 notes
31	8	Trompette-----from #19 -----	32 notes
32	4	Clairon -----from #19 -----	32 notes

COUPLER

33 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 (lock type) with indicator light (amber jewel) and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack

Music rack light

Pedal light

Electrically operated organ bench

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to CC 56	BBB Reg. Manual 21-1/2	Bourdon 2/9	Wood) 17 Zinc C.M.)	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys (#19-#62) 18 Zinc C.M.	3-1/2"
Genshorn	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"
Genshorn Celeste	8 TC	49	56-1/2 @ 8'	CC 19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3"	CCC to FF half length FF# & up Full length		D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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MIXTURE FORMULA

GREAT II-III MIXTURE

19	12	12	12	15
22	19	19		
	22			
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1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.