

AR SERIES ORGAN

EARMARK FOR

#11470, SAINT MICHAEL'S CATHOLIC CHURCH, STOCKTON, CALIFORNIA
SPECIFICATIONS FOR A SERIES 70-7B ORGAN

219

GENERAL

) ORGAN

Great Organ	Standard design
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak - M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak - M-4150-2
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

) BLOWER (located in blower space)

Type	Kinetic 2-P-2116, 1/2 HP - 1750 RPM - 6" outlet
Wind	360 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 110 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 (Enclosed)

16'	Bourdon-----	92 pipes
8'	Principal -----	80 pipes
8'	Gedeckt -----from #1 -----	61 notes
8'	Gemshorn -----from #13 -----	61 notes
4'	Octave -----from #2 -----	61 notes
4'	Gedeckt -----from #1 -----	61 notes
2'	Super Octave -----from #2--(repeat 5 top notes)-----	61 notes
2'	Flute-----from #1--(repeat 5 top notes) -----	61 notes
II-III	Mixture -----	126 pipes
	Chimes----(prepared for in console only)	
	Tremolo	

SWELL ORGAN (Enclosed)

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'	Bourdon-----	from #1-----	32 notes
23	8'	Principal -----	from #2 -----	32 notes
24	8'	Gedeckt -----	from #1-----	32 notes
25	8'	Gemshorn-----	from #13 -----	32 notes
26	4'	Octave -----	from #2 -----	32 notes
27	4'	Spitzflöte -----	from #12 -----	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 contacts, make to close)

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 wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
GREAT ORGAN							
Bourdon	16'	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC 68 21-1/2 2/9			Wood Wood 5 Zinc C.M.	1-16 4-1/2" 17 up 3-1/2"
Principal	8'	80	CC 52 TC 60	18-1/2	1/4	19 Zinc S.M.	1-12 4-1/2" 13 up 3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"
SWELL ORGAN							
Spitzflöte TC	8'	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8'	85	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"
Gemshorn Celeste TC	8'	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16'	85	3" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

GREAT II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
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.	