

AR SERIES ORGAN
 EARMARK FOR
 11466, ST. LOUIS CATHOLIC CHURCH, MIAMI, FLORIDA
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ	Exposed Great - Provide Enclosure
Swell Organ	Standard design
	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 with roll top
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 below Swell Organ)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	480 C.F.M. @ 4"
Current Specification	1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

16	Bordun-----	97 pipes
8	Principal -----	73 pipes
8	Gedeckt -----from #1-----	61 notes
8	Gemshorn -----from #14-----	61 notes
4	Octav -----from #2-----	61 notes
4	Gedeckt -----from #1-----	61 notes
2	Flöte -----from #1-----	61 notes
II	Sesquialtera T.C. -----	98 pipes
III-IV	Mixtur -----	183 pipes
8	Trompette -----from #20-----	61 notes
	Chimes----prepared for - provide slide in console	
	Tremolo	

* Provide no stop control; to be operated by future volume control.

SWELL ORGAN (Enclosed)

13	8	Rohrflote-----	73 pipes
14	8	Gemshorn -----	80 pipes
15	8	Gemshorn Celeste TC-----	49 pipes
16	4	Spitzprincipal -----	73 pipes
17	4	Rohrflote -----from #13 -----	61 notes
18	2	Spitzoctav -----from #16 -----	61 notes
19	1-1/3	Quint-----from #14---(repeat 12 top notes)-----	61 notes
20	16	Contre Trompette -----	80 pipes
21	8	Trompette -----from #20-----	61 notes
22	4	Clairon-----from #20---(repeat 5 top notes)-----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Principal-----12 pipes, 20 from #2-----	32 notes
25	16	Bordun -----from #1-----	32 notes
26	8	Octav -----from #2-----	32 notes
27	8	Gedeckt-----from #1-----	32 notes
28	8	Gemshorn-----from #14-----	32 notes
29	4	Super Octav-----from #2 -----	32 notes
30	4	Rohrflote-----from #13-----	32 notes
31	III	Mixtur-----from #9 -----	32 notes
32	16	Contre Trompette-----from #20-----	32 notes
33	8	Trompette-----from #20 -----	32 notes
34	4	Clairon-----from #20 -----	32 notes

COUPLER

35 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5

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 (toggle 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
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GREAT ORGAN

Bordun	16	97	CCC to BBB Reg. Manual Bourdon CC 56	21-1/2	2/9	Wood 17 Zinc C.M.	3-1/2"
Principal	8	73	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixtur	III-IV	183	See Formula Below				3-1/2"
Sesquialtera	II TC	98	See Formula Below				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"
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"
Gemshorn 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	CCC 36	18-1/2	1/4	Zinc	3-1/2"
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GREAT III-IV MIXTUR FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			

1-37	38-49	50-54	55-56	57-61
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Unison 47 Sc.	17-1/2	1/4 mouth	S.M.
Quint 49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC FORMULA

12	10
17	12
13-56	57-61

2-2/3 74 Sc. @ 13 17-1/2 2/9 mouth (Pull in 6 scales between 50-61)
 1-3/5 82 Sc. @ 13 17-1/2 1/5 mouth (Pull in 6 scales between 45-56, break at 57)