

AR SERIES ORGAN
 BARMARK FOR
 #11016 ST. MICHAEL'S EPISCOPAL CHURCH, SAVANNAH, GA.
 SPECIFICATIONS FOR SERIES 70-7A ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Special Series 70 Design
Swell Organ	Special Series 70 Design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak, M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 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 (Two (2) Required)

Type	Meidinger 1002 - .4 HP - 3360 RPM
Rating	280 c.f.m. @ 4", 6" outlet
Current Specification	1 Ph - 60 Cy - 110 Volts - 4.4 Amperes
Overall Size	1' - 6-7/8" long x 1' - 6-1/8" wide x 1' - 10-1/4" high
Blower Enclosure	

(4) POWER UNIT (located in Swell Organ)

Rating	DC Output - 10-15 Volts, 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long, 10-3/4" wide, 7" high

* * * * *

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

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	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....from #2..(repeat 5 top notes).....	61 notes
8	2	Flute.....from #1..(repeat 5 top notes).....	61 notes
9	II	Mixture.....	122 pipes
10		Chimes.....prepared for in console only	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte... 1-12 from #13	73 pipes
13	8	Genshorn.....	80 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflöte.....from #12.....	61 notes
16	2	Spitzoctav.....from #14.....	61 notes
17	1-1/3	Larigot.....from #13.....	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18..(repeat 5 top notes).....	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	Genshorn.....from #13.....	32 notes
26	4	Octav.....from #2.....	32 notes
27	4	Rohrflöte.....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 - Swell Organ (8 stages, reverse system)

Balanced Crescendo with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)
and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

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	Wood	)	1-16	4-1/2"
			CC to BB Reg. Artiste Tapered Bass	Wood	)	17 up	3-1/2"
			TC up Reg. Artiste Treble	Wood & SM	)		
Principal	8	80	CC 52 TC 60	18-1/2	1/4	12 Zinc, SM)	1-12 4-1/2"
						) 13 up	3-1/2"
Mixture	II	122	See Formula Below			SM	3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys 12 Zinc & S.M.	3-1/2"
Gemshorn	8	80	CC 54-1/3	17-1/2	2/9	12 Zinc S.M.	
		#56	102-2/3	20-1/2	2/9		3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	S.M.	3-1/2"
Contre Trompette	16	80	2-1/2	CCC to FF half length	D(F) Eschallots		
				FF# up full length	Zinc & S.M.		3-1/2"

GREAT II MIXTURE FORMULA

19	15	12
22	19	15
1-49	50-56	57-61

Unison	50 Sc.	18-1/2	1/4 mouth	S.M.
Quint	51 Sc.	18-1/2	1/4 mouth	S.M.