

AR SERIES ORGAN
EARMARK FOR
#11018, ALL SAINTS EPISCOPAL CHURCH, GRENADA, MISS.
SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/11

GENERAL

(1) ORGAN

Great Organ	No cabinet
Swell Organ	Standard Series 70 design without grille
	Layout will be supplied
Wood & Finish	Fir Plywood, dull charcoal brown
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 (located within organ space)

Widdinger 1004 .8 3360
Type ~~Kinetic~~ Style 2-F-2116-1/2 HP - 1750 RPM
Rating 500 c.f.m. @ 4" - 6" outlet
Current Specifications 1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size ~~2' - 5 3/4" x 1' - 10 3/8" x 2' - 1 1/4"~~
1' - 9 1/4" x 1' - 7 5/8" x 1' - 11 3/4" high

(4) POWER UNIT (located under organ)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: / Ph - 60 Cy - 220 Volts - 5 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (*Unenclosed*)

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 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	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes....prepared for in console only	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	8	Gemshorn Celeste TC	49 pipes
15	4	Spitzprincipal.....	73 pipes
16	4	Rohrflote.....from #12.....	61 notes
17	2-2/3	Nazard	61 notes
18	2	Spitzoctave.....from #15.....	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	Bourdon.....from #1.....	32 notes
24	8	Principal.....from #2.....	32 notes
25	8	Gedeckt.....from #1.....	32 notes
26	8	Gemshorn.....from #13.....	32 notes
27	4	Octav.....from #2.....	32 notes
28	4	Rohrflote.....from #12.....	32 notes
29	III	Mixture.....from #8.....	32 notes
30	16	Contre Trompette....from #19.....	32 notes
31	8	Trompette.....from #19.....	32 notes
32	4	Trichter Regal.....from #9.....	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
Balanced Crescendo Pedal with indicator light (Green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)
and related wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf and backrest
Music rack light
Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon			Wood)	1-16 ³ 0-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood)	17 up 3-1/2"
			TC Reg. Artiste Trebles			Wood, SM)	
Principal	8	73	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	1-12 ³ 0-1/2"
							) 13 up 3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tube, Funnel top D(F) Eschallots				3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	Sm O.S. Chimneys 17 Zinc S.M.	3-1/2"
Gemshorn	8	80	⁵⁴ CC 54-1/2 #56 102-2/3	17-1/2 20-1/2	^{1/4} 2/9 2/9	17 Zinc S.M.)	3-1/2"
			¹⁸ C 66-1/3	17-1/2	^{1/4} 1/5	5 Zinc S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/3	17-1/2	1/5	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# up full length Zinc & S.M. D(F) Eschallots				3-1/2"

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GREAT III MIXTURE FORMULA

	15	12	12	12
	19	15	15	12
	22	19	19	12
	1-42	1-42	1-42	1-42
	50-51	43-48	52-57	49
Unison	Sc.	18-1/2	1/4 mouth	S.M.
Quint	Sc.	18-1/2	1/4 mouth	S.M.