

AR SERIES ORGAN
 EARMARK FOR
 #11162 MANAKIN EPISCOPAL CHURCH, POWHATAN, VIRGINIA
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/9

GENERAL

(1) ORGAN

Great Organ	Exposed - divided - supply enclosures
Swell Organ	Special design
	Layout will be supplied
Wood & Finish	Birch to customer's paint sample
Screen	Aluminum painted to match organ cabinet
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Style D3 with roll top
Wood & Finish	Birch to customer's stain and paint samples
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

(3) BLOWER (located in Swell Organ)

Type	Meidinger 1004, .7 HP, 3360 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.0 Amperes
Overall Size	1' - 9-1/4" long x 1' - 7-5/8" wide x 1' - 11-3/4" high

(4) 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 (exposed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt	from #161 notes
4	8	Gemshorn.....	from #1361 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	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Gemshorn.....	85 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzflöte.....from #12.....	61 notes
16	2	Spitzflötefrom #12.....	61 notes
17	1-1/3	Larigotfrom #13..(repeat 7 top notes).....	61 notes
18	16	Contre Trompette.....	85 pipes
19	8	Trompettefrom #18.....	61 notes
20	4	Claironfrom #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 COMBINATIONSPistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTSBalanced Expression Pedal - Swell Organ (8 contacts, reverse system)
Balanced Crescendo Pedal with indicator light (green jewel)ACCESSORIES

Motor and power unit on-off switch (^{toggle}~~toggle~~ type) with indicator light (red jewel)
and related wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack
Music rack light
Pedal light
Adjustable bench blocks

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble			Wood Wood Wood & S.M.)	#1=#6, 4 1/2" #7 up 3-1/2"
Principal	8	80	CC 52 TC 60 18-1/2	1/4		17 Zinc S.M.)	#1=#6, 4 1/2" #7 up 3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote TC	8	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2	2/9	17 Zinc S.M.	3-1/2"
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' C	17-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

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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.