

AR SERIES ORGAN
 EARMARK FOR
 #11063, ASSOCIATED REFORMED PRESBYTERIAN CHURCH, MOORESVILLE, N. C.
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

219
GENERAL

(1) ORGAN

Great Organ	Chamber Installation
Swell Organ	Organ layout will be supplied
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) 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

(3) BLOWER (Two (2) required, located in organ spaces)

Type	Meidinger 1002 - .4 HP - 3360 RPM - 4" Outlet
Rating	280 c.f.m. @ 4"
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

(4) POWER UNIT (located in *Console* ~~Organ Space~~)

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

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	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

SWELL ORGAN

12	8	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Genshorn.....	85 pipes
14	8	Genshorn Celeste T.C.....	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	Genshorn.....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

COUPLERS

32 Swell to Great

*Pistons No. 1-2-3-4*PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, reverse system)
 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
 Transparent music rack
 Pedal light

*Adjustable Combinations
 affecting Full Organ*

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Reg. Manual Bourdon				1-16 4-1/2"
			CC to BB Reg. Artiste Tapered Bass				17 up 3-1/2"
			TC up Reg. Artiste Treble				Wood & SM)
Principal	8	80	CC 52	TC 60	18-1/2	1/4	17 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

Spitzflote T.C.	8	73	60-2/3 @ 4'C		19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54		17-1/2	1/4	17 Zinc S.M.	
			C 66-1/3		17-1/2	1/4		3-1/2"
		#56	102-2/3		18-1/2	2/9		
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8'CC		17-1/2	1/4	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			3-1/2"
					Zinc & S.M.			

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GREAT II-III MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
	1-32	33-46	47-51	52-56	57-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	