

AR SERIES ORGAN
 EARMARK FOR
 #10923, MAIN STREET UNITED METHODIST CHURCH, ABBEVILLE, S. C.
 SPECIFICATIONS FOR A SERIES 70-8 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Unenclosed, no cabinet
Swell Organ	Enclosed, fir plywood cabinet
	Organ layout will be supplied
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 with roll top
Wood & Finish	Rift Sawn Oak to customer's sample
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) BLOWERS

Type	<i>Meidinger 1004 - 1.7 HP - 3360 RPM - 5-5/8" outlet</i>			
Rating	Style 2-P-2116, 1/2 H.P., 1725 R.P.M.			
Current Specifications	500 c.f.m. @ 4", 6" outlet			
Overall Size	Ph -	Cy -	Volts -	Amperes
Blower Enclosure	2' - 5-3/4" x 1' - 10-3/8" x 2' - 5-1/4" high			
	<i>1' - 9-1/4" x 1' - 7-5/8" x 2' - 2" high</i>			

(4) POWER UNIT (One required)

Rating	DC Output - 10-15 Volts - 30 Amperes			
Current Specifications	AC Input:	Ph -	Cy -	Volts - Amperes
Overall Size	1' - 6-1/2" long x 11-1/8" wide x 7-3/16" 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..repeats 5 top notes.....	61 notes
8	2	Flute.....from #1..repeats 5 top notes.....	61 notes
9	II	Mixture.....	122 pipes
0		Chimes...present Deagan "M" tubes & electric actions, provide new relay, transformer & volume control A - #22 to F - #42.....	21 tubes
1		Tremolo	

SWELL ORGAN

12	8	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Gemshorn	81 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzflöte.....from #12.....	61 notes
16	2-2/3	Gemshorn.....from #13.. (repeat 7 top notes)	61 notes
17	2	Spitzflöte.....from #12.....	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	Gemshorn.....from #13.....	32 notes
26	4	Octav.....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

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 with indicator light (red jewel) and related wiring.
Plexiglas music rack with light
Pedal light
Concave and radiating pedal keyboard
Organ bench with music shelf

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
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 All Zinc	) 1-12 4-1/2"
						13-17 Zinc & SM	)
						18 up SM	) 13 up 3-1/2"
Mixture	II	122	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
Spitzflote T.C.	8	73	60-2/3 @ 4' C			19-1/2 2/9	SM 3-1/2"
Gemshorn	8	81	CC 54-1/3	17-1/2	2/9	12 Zinc SM	3-1/2"
		#56	102-2/3	20-1/2	2/9		
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC			17-1/2 1/5	SM 3-1/2"
Contre Trompette 16		85	2-1/2"	CCC to FF half length			
				FF# up full length			Zinc & SM 3-1/2"
				D(F) Eschallots			

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.