

AR SERIES ORGAN
 EARMARK FOR
 #11202 DUNCAN MEMORIAL UNITED METHODIST CHURCH, GEORGETOWN, S. C.
 SPECIFICATIONS FOR A SERIES 70-8E ORGAN

2/12

GENERAL

(1) ORGAN

Great Organ	Standard design without grille
Swell Organ	Standard design without grille
Wood & Finish	Double-Decked, Layout will be supplied
Action	Rift Sawn Oak to customer's sample
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
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) BLOWER (located in Organ Space)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 120 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 (Enclosed)

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	II	Sesquialtera T.C.	-----	98 pipes
9	III-IV	Mixture	-----	183 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	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	Gemshorn	-----from #13	-----32	notes
26	4	Octave	-----from #2	-----32	notes
27	4	Spitzflöte	-----from #12	-----32	notes
28	III	Mixture	-----from #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 - 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
- Music rack
- Music rack light
- Pedal light

PIPE ANALYSIS

PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE	
<u>GREAT ORGAN</u>							
don	16	97	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				
Principal	8	73	CC 52 TC 60 18-1/2	1/4	17 Zinc S.M.	1-12 4-1/2" 13 up 3-1/2"	
Flute	III	183	See Formula Below				3-1/2"
Sesquialtera TC	II	98	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
Flute	8 TC	73	60-2/3 @ 4' C	19-1/2	1/5 5 Zinc C.M.	3-1/2"	
Horn	8	85	CC 56	19-1/2	2/9		
			G 68-1/3	19-1/2	2/9	17 Zinc S.M.	
		#56	98	17-1/2	1/6	3-1/2"	
Horn Celeste T.C.	8	49	58-1/3 @ 8' CC	19-1/2	2/9 5 Zinc S.M.	3-1/2"	
Trompette	16	85	2-1/2" CCC to FF half length				
			FF# up full length Zinc & S.M.				
					D(F) Eschallots	3-1/2"	

GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
1-37	38-49	50-54	55-56	57-61

Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA T C FORMULA

	12	10		
	17	12		
	13-56	57-61		
2-2/3	74 @ #13	17-1/2	2/9 mouth	S.M.
1-3/5	82 @ #13	17-1/2	1/5 mouth	S.M.