

H. R. Daniels

AR SERIES ORGAN
EARMARK FOR
#11328, FOUNTAIN INN PRESBYTERIAN CHURCH, FOUNTAIN INN, SOUTH CAROLINA
SPECIFICATIONS FOR A SERIES 70-8E ORGAN

2/12

GENERAL

(1) ORGAN

Organ Exposed Great - Provide Two Double Decked Cabinets
Layout will be supplied
Wood & Finish
Action Electro-Pneumatic (unit type)
Wind Pressure See Pipe Analysis
Pitch A-440 @ 70°F

(2) CONSOLE

Cabinet Standard design
Wood & Finish Birch to customer's 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 blower room)

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 *lower right organ* 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

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

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 ----Mayland tubes and electric actions, provide relay transformer and volume control unit, A to F, #22 to #42 -----	21 tubes
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	Great to Pedal
33	Swell to Pedal
34	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 (amber jewel) and related wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack
Music rack light
Pedal Light
Signal light and button marked "Ushers"

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC 68 56	20-1/2	2/9	Wood Wood Zinc S.M.	3-1/2"
Principal	8	73	48 CC 52 TC 60	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera TC	II	98	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflöte	8 TC	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/2 @ 8' CC	19-1/2	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"

GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
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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 TC FORMULA

	12	10		
	17	12		
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	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.

Pull in 6 scales between 45 & 56