

File

AR SERIES ORGAN
EARMARK FOR
11568 UNIVERSITY BAPTIST CHURCH, HATTIESBURG, MISSISSIPPI
SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13
GENERAL

(1) ORGAN

Great Organ	Standard design without shades
Swell Organ	Standard design
Pedal 16 Contre Bass	Exposed - provide paneling
	Layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak to customer's sample
Manuals	Two and Pedal - 4 oz. key touch
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located on organ platform)

Type	2-P-2116 - ^{3/4} HP - 1750 RPM - 6" outlet
Wind	520 c.f.m. @ 4"
Current Specification	3 Ph - 60 Cy - 240 Volts - 2.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon-----	97 pipes
2	8	Principal-----	(#1-5 exposed)-----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	Flöte -----	from #1 -----61 notes
8	II	Sesquialtera TC	-----98 pipes
9	III-IV	Mixture	-----183 pipes
10		Chimes -----	prepared for in console only
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal -----	73 pipes
16	4	Rohrflöte -----from #12-----	61 notes
17	2	Spitzoctave -----from #15-----	61 notes
18	1-1/3	Larigot-----from #13--(repeat 12 top notes)-----	61 notes
19	16	Contre Trompette -----	80 pipes
20	8	Trompette -----from #19-----	61 notes
21	4	Clairon -----from #19--(repeat 5 top notes)-----	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Contre Bass (Exposed)---	12 pipes, 20 from #2-----	32 notes
24	16	Bourdon-----from #1 -----		32 notes
25	8	Principal-----from #2 -----		32 notes
26	8	Gedeckt-----from #1 -----		32 notes
27	8	Gemshorn-----from #13-----		32 notes
28	4	Octave -----from #2-----		32 notes
29	III	Mixture -----from #9-----		32 notes
30	16	Contre Trompette-----from #19 -----		32 notes
31	8	Trompette -----from #19 -----		32 notes
32	4	Clairon -----from #19 -----		32 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6

Affecting Full Organ, duplicated by toe studs -
use straight knee panel with
special terrace.

General Cancel

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)

Concave, radiating pedal clavier

Organ bench with music shelf

Music rack

Music rack light

Pedal light

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 Special Artiste tapered bass TC 68	21-1/2	2/9	Wood) #1-16 4-1/2" Wood) #17 up 3-1/2" 5 Zinc C.M)	
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Principal	8	73	48	18-1/2	1/4	19 Zinc S.M.) #1-5 & #13 up 3-1/2" #6-12 4-1/2"	
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Mixture	III-IV	183	See Formula Below				3-1/2"
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Sesquialtera TC	II	98	See Formula Below				3-1/2"
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SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys (19-62) 18 Zinc C.M.	3-1/2"
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Gemshorn	8	80	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"
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Gemshorn Celeste TC	8	49	56-1/2 @ 8'	CC 19-1/2	2/9	5 Zinc S.M.	3-1/2"
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Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
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Contre Trompette	16	80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"
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PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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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
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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
13-56	57-61

2-2/3 74 Sc. @ #13 17-1/2 2/9 mouth S.M. (Pull in 6 scales between 50-61)

1-3/5 82 Sc. @ #13 17-1/2 1/5 mouth S.M. (Pull in 6 scales between 45-56, break at 57)