

AR SERIES ORGAN
 EARMARK FOR
 #11300 FIRST UNITED METHODIST CHURCH, ANGLETON, TEXAS
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

413

GENERAL

(1) ORGAN

Great Organ
 Swell Organ

Standard design *without grille*
 Standard design *without grille*

Wood & Finish
 Action
 Wind Pressure
 Pitch

Layout will be supplied
~~Rift Sawn Oak M-4150-2~~ *Silvite, Charcoal Brown*
 Electro-Pneumatic
 See Pipe Analysis
 A-440 @ 70°F

(2) CONSOLE

Cabinet
 Wood & Finish
 Manuals
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

Standard Design
 Rift Sawn Oak M-4150-2
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric

(3) BLOWERS (located in ^{Organ} ~~lower~~ space)

Type
 Wind
 Current Specification
 Overall Size

two required
 2-P-¹⁷¹⁶~~2118~~ - ^{1/2}~~3/4~~ HP - 1750 RPM - ^{4"}~~8"~~ outlet
^{44,220} 440 C.F.M. @ 4", *Sw. 220 cfm*
 1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
~~2' - 9 3/4" x 1' - 10 3/8" x 2' - 6 1/4"~~
 2' - 3 1/2" x 1' - 8" x 2' - 1 1/8"

(4) POWER UNIT (located in console)

Rating
 Current Specification
 Overall Size

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

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	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	Bourdon-----from #1-----	32 notes
24	8	Principal-----from #2-----	32 notes
25	8	Gedeckt-----from #1 -----	32 notes
26	8	Gemshorn-----from #13-----	32 notes
27	4	Octave-----from #2 -----	32 notes
28	4	Rohrflöte-----from #12-----	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

COUPLERS

33 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}toggle type) with indicator light (amber jewel)
- Concave, radiating pedal clavier
- Organ bench with music shelf
- Music rack

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 Taper Bass TC 68	20-1/2	2/9	Wood)) Wood)) 5 Zinc S.M.)	3-1/2"	
Principal	8	73	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	3-1/2"	
Mixture	III	183	See Formula Below					3-1/2"
Sesquialtera TC	II	98	See Formula Below					3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	Sm O.S. Chimneys 19-62 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/3 #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	58-1/3 @ 8'	CC 19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc C.M.	3-1/2"
Contre Trompette	16	80	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 Sc. @ #13	17-1/2 2/9 mouth S.M.
1-3/5	82 Sc. @ #13	17-1/2 1/5 mouth S.M.