

AR SERIES ORGAN
 EARMARK FOR
 #11204, ST. JOHN'S EPISCOPAL CHURCH, ODESSA, TEXAS
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/9
GENERAL

(1) ORGAN

Organ	Exposed Great, Double-Decked
	Layout will be supplied
Wood & Finish	Rift Sawn Oak - M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak - M-4150-2
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 ^{Under} ~~in~~ Swell Organ)

Type	<i>Unit 2-P2116 1/2 1750</i> Holding 1000, 30 HP, 3300 RPM, 6" outlet
Wind	Great 360 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	1' - 9 1/4" long x 1' - 7 5/8" wide x 1' - 11 3/4" high <i>2' - 5 3/4" L x 1' - 10 3/8" W x 2' - 6 1/4" H high</i>

(4) POWER UNIT (located in 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

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

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	Octave	from #2	61 notes
6	4	Gedeckt	from #1	61 notes
7	2	Super Octave	from #2 (repeat 5 top notes)	61 notes
8	2	Flute	from #1 (repeat 5 top notes)	61 notes
9	II-III	Mixture		126 pipes
10		Chimes	present Maas tubes and electric action, provide new relay, transformer and volume control A-#22 to F-#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	61 notes
18	16	Contre Trompette	---(repeat 7 top notes)	61 notes
19	8	Trompette	from #18	85 pipes
20	4	Clairon	from #18	61 notes
21		Tremolo		61 notes

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 #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

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

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 (red jewel)
 and related wiring.
 Concave and radiating pedal keyboard
 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	92	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Artiste Tapered Bass			Wood)	3-1/2"
			TC up Reg. Artiste Treble			Wood & S.M.)	
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote TC	8	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	CC 56	19-1/2	2/9		
			C 68-1/3	19-1/2	2/9	17 Zinc S.M.	3-1/2"
		#56 98		17-1/2	1/6		
Gemshorn Celeste TC	8	49	58-1/3 @ 8' C	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"

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GREAT II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
1-37	38-49	50-53	54-56	57-61
Unison 47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint 49 Sc.	17-1/2	1/4 mouth	S.M.	