

AR SERIES ORGAN  
 BENCHMARK FOR  
 #11133 FIRST LUTHERAN CHURCH, CORPUS CHRISTI, TEXAS  
 SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

2/10

GENERAL

(1) ORGAN

Great Organ	Exposed, no paneling required
Swell Organ	Standard Design
	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 in Organ space)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	3 Ph - 60 Cy - 208 Volts - 2.1 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

(4) POWER UNIT (located in console cabinet)

Rating	DC output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 208 Volts - 5 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.....	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..(repeat 5 top notes).....	61 notes
8	III-IV	Mixture.....	183 pipes
9		Trompette .....from #17 .....	61 notes
10		Tremolo	

SWELL ORGAN (Enclosed)

11	8	Spitzflöte .....(low octave from #12).....	73 pipes
12	8	Gemshorn .....	85 pipes
13	8	Gemshorn Celeste T.C.....	49 pipes
14	4	Spitzflöte .....from #11.....	61 notes
15	2	Spitzflöte .....from #11 .....	61 notes
16	1-1/3	Larigot .....from #12...(repeat 7 top notes).....	61 notes
17	16	Contre Trompette .....	85 pipes
18	8	Trompette .....from #17 .....	61 notes
19	4	Clairon.....from #17 .....	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Contrebasse....(prepared for in console only)	
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 #12.....	32 notes
26	4	Octave .....from #2.....	32 notes
27	4	Spitzflöte.....from #12 .....	32 notes
28	III	Mixture .....from #8 .....	32 notes
29	16	Contre Trompette .....from #17 .....	32 notes
30	8	Trompette.....from #17 .....	32 notes
31	4	Clairon .....from #17 .....	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 relating wiring.

Concave and radiating pedal keyboard

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			Wood	)	
			CC to BB Reg. Artiste Tapered Bass			Wood	)	
			TC up Reg. Artiste Treble			Wood & S.M.)	3-1/2"	
Principal	8	73	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	)	
Mixture	III-IV	183	See Formula Below					)

SWELL ORGAN

Spitzflote T.C.	8	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc S.M.	)
Gemshorn	8	85	CC 54	17-1/2			)
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	)
			#56 102-2/3	18-1/2			)
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' C	17-1/2	2/9	5 Zinc S.M.	)
Contre Trompette	16	85	2-1/2" CCC to FF half length				)
			FF# up full length				)
			D(F) Eschallots			Zinc & S.M.	)

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## 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.	