

AR SERIES ORGAN
 EARMARK FOR
 #11668 - FIRST CHRISTIAN CHURCH, WINDER, GEORGIA
 SPECIFICATIONS FOR SERIES 80-12 + CELESTE ORGAN
 TO BE COMPLETED - NOVEMBER 12, 1984

2/13

GENERAL

(1) ORGAN

Great Organ	Exposed
Swell Organ	Chamber installation
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Mahogany to customer's sample
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric with under-key contacts

(3) BLOWER

Type	2-P- ²¹¹⁸ 2116 - ^{3/4} #2 H.P. - 1750 RPM
Wind	460 c.f.m. @ 4" - 8" outlet
Current Specifications	1 Phase - 60 Cycles - ²⁰⁸ Volts - ^{5.2} 3.6 Amperes
Overall Size	2' - ^{7 3/4"} 5-3/4" x 1' - 10 3/8" x 2' - 6 1/4" high

(4) POWER UNIT (Mounted in Swell organ)

Rating	DC Output: 10-15 Volts, 30 Amperes
AC Input	1 Phase - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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 #14.....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 Rks.	Sesquialtera TC.....	98 pipes
10	III-IV Rks.	Mixture	208 pipes
11		Chimes...present Maas bells and action (Hook up by others) provide switch.....	21 bells
12		Tremolo	

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
<u>GREAT ORGAN (Exposed)</u>							
Bourdon	16	92	CCC to BBB Reg. CC 56	Man. Bourdon 21-1/2	2/9	Wood 17 Zinc CM	3-1/2"
Principal	8	80	45	17-1/2	1/4	19 Zinc SM	#1-12 4-1/2" #13 up 3-1/2"
Mixture	III-IV	208	See Formula Below				
Sesquialtera	II	98	See Formula Below				
<u>SWELL ORGAN (Enclosed)</u>							
Rohrflöte	8	73	56	21-1/2	2/9	18 Zinc CM Sm I.S. Chimneys #19-62 Pull in 8 scales between #62 & 73	3-1/2"
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 SM	3-1/2"
Gemshorn Celeste	TC 8	49	56-1/2 @ CC	19-1/2	2/9	5 Zinc SM	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc CM	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & SM	3-1/2"

PEDAL ORGAN (Exposed)

Principal	16	12	33	17	1/4	Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

	22	19	15	12	12	12
	26	22	19	15	15	15
	29	26	22	19	19	
		29	26	22		
	1-17	18-29	30-36	37-49	50-54	55-61
Unison	47 Sc.	17-1/2	1/4 mouth	SM		
Quint	49 Sc.	17-1/2	1/4 mouth	SM		

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 SM (Pull in 6 scale between #50-61)
 1-3/5 82 Sc. @ #13 17-1/2 1/5 mouth SM (Pull in 6 scale between #45-56, break at #57)