

AR SERIES ORGAN
 EARMARK FOR
 #11155 CHRIST EPISCOPAL CHURCH, BLUEFIELD, W. VA.
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Exposed, supply enclosure
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	<i>Rift Sawn Oak,</i> To customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	<i>Rift Sawn Oak,</i> To customer's samples
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 blower space)

Type	Kinetic 2-P-2116, 1/2 H.P., 1750 R.P.M.
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 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 - 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	Gedecktfrom #1.....	61 notes
4	8	Gemshorn.....from #13.....	61 notes
5	4	Octavefrom #2	61 notes
6	4	Gedecktfrom #1	61 notes
7	2	Super Octavefrom #2...(repeats 5 top notes).....	61 notes
8	2	Flutefrom #1...(repeats 5 top notes).....	61 notes
9	II-III	Mixture.....	126 pipes
10		Carillon....(provide slide in console 1-61 inc. wired to junction)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn	85 pipes
14	4	Spitzflötefrom #12.....	61 notes
15	2	Spitzflötefrom #12..(repeat 5 top notes).....	61 notes
16	1-1/3	Larigotfrom #13..(repeat 7 top notes).....	61 notes
17	16	Contre Trompette.....	80 pipes
18	8	Trompettefrom #17	61 notes
19	4	Clarionfrom #17..(repeat 5 top notes).....	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon.....from #1.....	32 notes
22	8	Principalfrom #2	32 notes
23	8	Gedeckt.....from #1	32 notes
24	8	Gemshorn.....from #13	32 notes
25	4	Octavefrom #2	32 notes
26	4	Spitzflöte.....from #12	32 notes
27	III	Mixturefrom #7 & 9	32 notes
28	16	Contre Trompette.....from #17	32 notes
29	8	Trompettefrom #17	32 notes
30	4	Clarionfrom #17	32 notes

COUPLERS

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4 Affecting Great Organ
 Pistons No. 1-2-3-4 Affecting Swell Organ
 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 light
 Pedal light
 Mount Carillon control panel

PIPE ANALYSIS

	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE	
<u>GREAT ORGAN</u>								
on	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.)		
ipal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"	
re	II-III	126	See Formula Below					3-1/2"
<u>SWELL ORGAN</u>								
flote T.C.	8	68	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc S.M.	3-1/2"	
orn	8	85	CC 54	17-1/2				
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	3-1/2"	
			#56 · 102-2/3	18-1/2				
e 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 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.	