

AR SERIES ORGAN!
 EARMARK FOR
 #11554 ST. JAMES EPISCOPAL CHURCH, CINCINNATI, OHIO
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/10

(1) ORGAN

Cabinet	Exposed Great, Double-decked
Wood & Finish	Layout will be supplied
Action	Rift-sawn oak to customer's sample
Wind Pressure	Electro-pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70° F

(2) CONSOLE

Cabinet	Standard design with roll top
Wood & finish	Rift-sawn oak to customer's sample
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 below organ)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	360 c.f.m. @ 4"
Current specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10 3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console cabinet)

Rating	DC output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7"

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	III-IV	Mixture	-----183 pipes
10		Chimes	-----Mayland tubes & electric actions, relay, transformer, prepared for in console only
11		Tremolo	-----and volume control - A to F, #22 to #42, with canopy--21 tubes

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--(repeat 7 top notes)-----	61 notes
18	16	Contre Trompette -----	85 pipes
19	8	Trompette -----from #18 -----	61 notes
20	4	Clairon -----from #18 -----	61 notes
21		Tremolo	

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, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (toggle type) with indicator light (amber 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 CC Reg. Artiste Tapered bass C 68	21-1/2	2/9	Wood Wood 5 Zinc C.M.)	3-1/2"
Principal	8	80	48	18-1/2	1/4	16 Zinc S.M.	3-1/2"
Mixture	III-IV	183	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 C 68-1/2 #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	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	3" 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			
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.