

AR SERIES ORGAN
 EARMARK FOR
 #11449, IMMACULATE CONCEPTION CHURCH, CLARKSBURG, W. VA.
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13
GENERAL

(1) ORGAN

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

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Rift Sawn Oak M-4150-2
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

(3) BLOWER (located behind organ)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	540 C.F.M. @ 4-1/2"
Current Specifications	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output: 10-15 Volts, 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	1' - 2-1/2" 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	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	Flute-----from #1--(repeat 7 top notes)-----		61 notes
8	II	Sesquialtera TC-----		98 pipes
9	III-IV	Mixture-----		183 pipes
10		Chimes----Mayland tubes and electric actions with relay, transformer and volume control A to F, #22 to #42---		21 tubes
11		Tremolo		

SWELL ORGAN (Enclosed)

12	8	Rohrflote -----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC-----	49 pipes
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflote-----from #12-----	61 notes
17	2	Spitzoctave-----from #15 -----	61 notes
18	1-1/3	Larigot -----from #13--(repeat 12 top notes)-----	61 notes
19	16	Contre Trompette-----	80 pipes
20	8	Trompette -----from #19 -----	61 notes
21	4	Clairon-----from #19--(repeat 5 top notes)-----	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Contre Basse-----12 pipes, 20 from #2 -----	32 notes
24	16	Bourdon-----from #1-----	32 notes
25	8	Principal-----from #2 -----	32 notes
26	8	Gedeckt -----from #1 -----	32 notes
27	8	Gemshorn-----from #13 -----	32 notes
28	4	Octave -----from #2 -----	32 notes
29	4	Rohrflote -----from #12-----	32 notes
30	III	Mixture -----from #9-----	32 notes
31	16	Contre Trompette ---from #19-----	32 notes
32	8	Trompette-----from #19-----	32 notes
33	4	Clairon -----from #19 -----	32 notes

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3	Affecting Great Stops
Pistons No. 1-2-3	Affecting Swell Stops
Toe Levers No. 1-2-3	Affecting Pedal Stops
Pistons No. 1-2-3-4-5-6	Affecting Full Organ
General Cancel	

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor 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	⁹⁷ 90	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Artists Tapered Bass			Wood)	
			CC 56	21-1/2	2/9	17 Zinc C.M.)	3-1/2"
Principal	8	⁷³ 80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera	II TC	98	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys #19-62 18 Zinc C.M.	3-1/2"
Gemshorn	8	80	CC 56	19-1/2	2/9		
			C 68-1/2	19-1/2	2/9	17 Zinc S.M.	3-1/2"
		#56 98	17-1/2	1/6			
Gemshorn Celeste	8 TC	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	CCC 36	18-1/2	1/4	Zinc	3-1/2"
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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
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Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC MIXTURE FORMULA

12	10
17	12

13-56	57-61
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HW/mr	2-2/3	74 Sc. @ 13	17-1/2	2/9 mouth (Pull in 6 scales between 50-61)
1/8/80	1-3/5	82 Sc. @ 13	17-1/2	1/5 mouth (Pull in 6 scales between 45-56, break at 57)