

AR SERIES ORGAN
 EARMARK FOR
 #11102 STATE UNIVERSITY OF NEW YORK, POTSDAM, NEW YORK
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13

grand

GENERAL

(1) ORGAN

Great Organ	Standard Design
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
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) BLOWERS (two (2) required) (located in organ cabinets)

Type	Meidinger 1002, .4 HP, 3360 RPM
Rating	280 c.fm. @ 4" - 4" outlet
Current Specification	1 Ph - 60 cy - 120 Volts - 4.4 Amperes
Overall Size	1' - 6-7/8" long x 1' - 6-1/8" wide x 1' - 10-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #12.....	61 notes
5	4	Octave.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III-IV	Mixture.....	183 pipes
9	II	Sesquialtera TC.....	98 pipes
10		Tremolo	

SWELL ORGAN

11	8	Rohrflöte.....	73 pipes
12	8	Gemshorn.....	80 pipes
13	8	Gemshorn Celeste TC.....	49 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflöte.....from #11.....	61 notes
16	2	Spitzoctave.....from #14.....	61 notes
17	1-1/3	Larigot.....from #12...repeat 12 top notes.....	61 notes
18	16	Contre Trompette	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clarion.....from #18...repeat 5 top notes.....	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 #12.....	32 notes
26	4	Octave.....from #2.....	32 notes
27	4	Rohrflöte.....from #11.....	32 notes
28	III	Mixture.....from #8.....	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clarion.....from #18.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, reverse system)

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)

Concave, radiating pedal claviers

Organ bench with music shelf and ~~backrest~~

Wood music rack

Music rack light

Pedal light

1" / 2" Adjustable Bench Blocks

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)	1-16	4-1/2"
			CC to BB Reg. Artiste Taper Bass	Wood)	17 up	3-1/2"
			TC up Reg. Artiste Treble	Wood & S.M.)		
Principal	8	73	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.) 1-12 4-1/2" 13 up 3-1/2"
Mixture	III	183	See Formula Below			3-1/2"
Sesquialtera	II	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 S.M.)	3-1/2"
Genshorn	8	80	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			
Genshorn Celeste TC 8	49	56-1/3	17-1/2	2/9	5 Zinc S.M.	3-1/2"	
Spitzprincipal 4	73	60-2/3	18-1/2	1/4	5 Zinc S.M.	3-1/2"	
Contre 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 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
1-32	33-46	47-51	52-57	58-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC FORMULA

	12	12
	17	15
	13-56	57-61
2-2/3	68-3/4	18-1/2
2	74	18-1/2
1-3/5	75-2/3	18-1/2
		2/9 mouth
		2/9 mouth
		1/5 mouth
		S.M.
		S.M.
		S.M.