

AR SERIES ORGAN
 EARMARK FOR
 #11050, ST. PAUL'S EPISCOPAL CHURCH, MANHATTAN, KANSAS
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/12

GENERAL

(1) ORGAN

Great Organ	Double-Decked, special cabinet
Swell Organ	Layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design with roll top
Wood & Finish	Rift Sawn Oak 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

(3) BLOWER

Type	2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specification	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 *Organ Chamber*
~~Swell Organ~~
Console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 220 Volts - 8 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.....	97 pipes
2	8	Principal.....	73 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.....	61 notes
8	III-IV	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Tremolo	

SWELL ORGAN (Enclosed)

11	8	Rohrflote.....	73 pipes
12	8	Gemshorn.....	80 pipes
13	8	Gemshorn Celeste TC.....	49 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflote.....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	Clairon.....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	Choral Bass.....from #2.....	32 notes
27	4	Rohrflote.....from #11.....	32 notes
28	III Rks.	Mixture.....from #8.....	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompettefrom #18.....	32 notes
31	4	Trichter Regal.....from #9.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
Pistons No. 1-2
Pistons No. 1-2

Affecting Full Organ

PEDAL MOVEMENTS

affecting Great Stops
affecting Swell Stops

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 (toggle type) with indicator light (red jewel) and related wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 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	CCC to BBB Reg. Manual	Bourdon	Wood		
			CC 56	20-1/2	2/9	17 Zinc, S.M.)	3-1/2"
Principal	8	73	CC 52	TC 60	18-1/2	1/4	17 Zinc, S.M.) 3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tube, funnel top			D(F) Eschallots	3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys (19-#62) 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54	17-1/2	1/4	17 Zinc S.M.)))	3-1/2"
			C 66-1/3	17-1/2	1/4		
			#56 102-2/3	18-1/2	2/9		
Gemshorn Celeste TC	8	49	56-1/3	17-1/2	1/4	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-3/4 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		Zinc & S.M.	3-1/2"
				D(F) Eschallots			

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GREAT III-MIXTURE FORMULA

15	12	12	12	12
19	15	15	13	
22	19	19		
	22			
1-32	33-46	47-51	52-56 57	57-61 58
Unison	48 Sc.	18-1/2	1/4 mouth	S.M.
Quint	49 Sc.	18-1/2	1/4 mouth	S.M.