

SPECIFICATIONS FOR A SPECIAL 4-RK 80 SERIES ORGAN
TO BE COMPLETED JULY 1, 1987

214
GENERAL

(1) ORGAN

Cabinet	Special design with left-end access, 7'-7½" long, 5'-8" deep, 7'-10½" high, Facade, Grilles & paneling.
Wood & Finish	Rift Sawn Oak, 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	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 with under-key contacts

(3) BLOWER (mounted in organ cabinet)

Type	Ventus 610812 - .45 HP - 3360 RPM
Wind	220 c.f.m. @ 4" - 5" outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - 4 Amperes
Overall Size	1'-6 1/8" x 1'-2 3/4" x 1'-5/16" high

(4) POWER UNIT (mounted in organ cabinet)

Rating	DC Output: 10-15 Volts, 30 Amperes
AC Input	1 Phase - 60 cycles - 120 volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN

* 1	8	Principal -----	85 pip
2	8	Rohrflöte -----	85 pip
3	8	Gemshorn -----	80 pip
4	4	Octave -----from #1 -----	61 not
5	4	Rohrflöte -----from #2 -----	61 not
6	2	Super Octave -----from #1 -----	61 not
7	II	Mixture (1-1/3') -----from #1 -----	61 not
8	8	Krummhorn -----	73 pip

* #8-32 in facade. *no slide Tuners, backslot, with toll*

SWELL ORGAN

9	8	Rohrflöte -----from #2 -----	61 not
10	8	Gemshorn -----from #3 -----	61 not
11	8	Gemshorn Celeste TC-----	(prepared for in console only)

SWELL ORGAN - Continued

12	4	Rohrflöte -----	from #2 -----	61 notes
13	4	Gemshorn -----	from #3 -----	61 notes
14	2	Rohrflöte -----	from #2 -----	61 notes
15	1-1/3	Larigot -----	from #3 --(repeat top octave)-----	61 notes
16	1	Sifflöte -----	from #2 --(repeat top octave)-----	61 notes
17	8	Krummhorn -----	from #8 -----	61 notes
18	4	Krummhorn -----	from #8 -----	61 notes
19		Tremolo		

PEDAL ORGAN

20	16	Rohrgedeckt -----	12 pipes, 20 from #2 -----	32 notes
21	8	Principal -----	from #1 -----	32 notes
22	8	Rohrflöte -----	from #2 -----	32 notes
23	4	Choralbass -----	from #1 -----	32 notes
24	4	Rohrflöte -----	from #2 -----	32 notes
25	II Rks.	Mixture (2-2/3') -----	from #1 -----	32 notes
26	8	Krummhorn -----	from #8 -----	32 notes
27	4	Krummhorn -----	from #8 -----	32 notes

COUPLERS

28	Great to Pedal
29	Swell to Pedal
30	Swell to Great

ADJUSTABLE COMBINATIONS
Solid State - Single Memory

Pistons No. 1-2-3-4-5
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

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

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent music rack

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)
and related electrical wiring.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESS
*Principal	8	85	45	17-1/2	1/4	12 Zinc S.M. 20CM PLANNED	3-1/
Rohrflöte	8	85	CC to BB TC 68	Reg. Art. Tapered 21-1/2	Bass 2/8	Wood CM	#1-4 4-1/ #5 up 3-1/
				Sm. I.S. Chimneys #19-62 Pull in 8 scales between #62 & 73			
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	12 Zinc S.M. #1-12 #13 up 3-1/ pull in 12 scales between #69 & 80	4-1/ 3-1/
Krummhorn	8	73	1" Reg. S.M. Tube			Zinc & S.M. B(F) Esch.	3-1/
Bourdon	16	12	Reg. Man. Bourdon			Wood	4-1/

*#8-32 in facade, no slide tuners, backslot

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GREAT II Mixture FORMULA - Derived

19	12
22	15
1-49	50-61

PEDAL II Mixture FORMULA - Derived

12
15
1-32