

SPECIFICATIONS FOR A SERIES 80-4 ORGAN
TO BE COMPLETED MAY 10, 1987

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GENERAL

(1) ORGAN

Cabinet	Standard Design
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 with under-key contacts

(3) BLOWER (Below organ - Altitude 5,125 feet)

Type	Ventus 611412 - .75 HP - 3360 RPM
Wind	220 C.F.M. @ 4" - 6" outlet (test 265 @ 4-3/4")
Current Specification	1 Phase - 60 Cycles, - 120 volts - 6.6 Amperes
Overall Size	1'-9 1/2" x 1'-5 3/4" x 1'-7 1/2" high

(4) POWER UNIT (Below organ)

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 ORGANGREAT ORGAN

1	8	Principal -----#1-12 from #2, #3 & #5 -----	73 pipes
2	8	Rohrflöte -----	85 pipes
3	8	Gemshorn -----	80 pipes
4	4	Octave -----from #1 -----	61 notes
5	4	Rohrflöte -----from #2 -----	61 notes
6	2	Super Octave -----from #1 -----	61 notes
7		Chimes -----(prepared for in console only)	

SWELL ORGAN

8	8	Rohrflöte -----from #2 -----	61 notes
9	8	Gemshorn -----from #3 -----	61 notes
10	8	Gemshorn Celeste -----(prepared for in console only)	
11	4	Rohrflöte -----from #2 -----	61 notes
12	4	Gemshorn -----from #3 -----	61 notes

SWELL ORGAN (Continued)

13	2	Rohrflöte -----from #2 -----	61 notes
14	1-1/3	Larigot -----from #3---(repeat top octave)-----	61 notes
15	1	Siffelöte -----from #2---(repeat top octave)-----	61 notes
16	8	Trompette -----	73 pipes
17	4	Clairon -----from #16 -----	61 notes
18		Tremolo	

PEDAL ORGAN

19	16	Bourdon-----12 pipes, 20 from #2 -----	32 notes
20	8	Rohrflöte -----from #2 -----	32 notes
21	4	Principal -----from #1 -----	32 notes
22	4	Rohrflöte-----from #2 -----	32 notes
23	8	Trompette -----from #16 -----	32 notes
24	4	Clairon -----from #16 -----	32 notes

COUPLERS

25	Great to Pedal
26	Swell to Pedal
27	Swell to Great

COMBINATION ACTION
Solid State - Single Memory

Pistons No. 1-2-3-4

Affecting Full Organ

*COMBINATION ADJUSTOR*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 with light
Pedal light

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

Blower enclosure

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2/13/87

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
Principal	8 TC	73	57	17-1/2	1/4	S.M.	3-1/2"
Rohrflöte	8	85	CC to BB TC 68	Reg. Art. Tapered Bass 21-1/2 2/9	Wood	#1-4 C.M. #5 up	4-1/2" 3-1/2"
				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 2/9 19-1/2 2/9 17-1/2 1/6	12 Zinc S.M.	#1-12 #13 up pull in 12 scales between #69 & 80	4-1/2" 3-1/2"
Trompette	8	73	2-1/4"	#1-6 1/2 length		Zinc & S.M. D(F) Eschallots	3-1/2"
Bourdon	16	12	Reg. Man. Bourdon			Wood	4-1/2"

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