

SPECIFICATIONS FOR SERIES 80-8 ORGAN
TO BE COMPLETED MAY 1, 1987

2/8
GENERAL

(1) ORGAN

Cabinets (2)
Wood & Finish
Action
Wind Pressure
Pitch

Special Design - reduced height, end access, face
Rift Sawn Oak - M-4150-2
Electro-Pneumatic (unity type)
See Pipe Analysis
A-440 @ 70° F

(2) CONSOLE

Cabinet
Wood & Finish
Manuals
Manual Compass
Pedal Compass
Stop Controls
Action

Standard Design with rolltop
Rift Sawn Oak - M-4150-2
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric with under-key contacts

(3) BLOWER (detached)

Type
Wind
Current Specification
Overall Size

Kinetic 2-P-2116 1/2 HP - 1725 RPM
300 c.f.m. @ 4" - 6" outlet
1 Phase - 60 Cycles - 120 Volts - 7.2 Amperes
1'-10 3/8" x 2'-5 3/4" x 2'-3 1/4" high

(4) POWER UNIT (mounted in organ cabinet)

Rating
AC Input
Overall Size

DC Output: 10=15 Volts - 30 Amperes
1 Phase - 60 Cycles - 120 Volts - 10 Amperes
16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGANGREAT ORGAN - Unenclosed

1.	8	Principal -----	85 pipes
2.	8	Rohrflöte -----from #9 -----	61 notes
3.	8	Gemshorn ----- from #10 -----	61 notes
4.	4	Octave -----from #1 -----	61 notes
5.	4	Rohrflöte -----from #9 -----	61 notes
6.	2	Super Octave -----from #1 -----	61 notes
7	III-IV	Mixture -----	208 pipes
8		Chimes ----- (prepared for in console only)	

SWELL ORGAN (Enclosed)

9	8	Rohrflöte -----	85 pipes
10	8	Gemshorn -----	80 pipes
11	8	Gemshorn Celeste TC -----	49 pipes
12	4	Rohrflöte -----from #9 -----	61 notes
13	4	Gemshorn -----from #10 -----	61 notes
14	2	Rohrflöte -----from #9 -----	61 notes
15	1-1/3	Larigot -----from #10 -- (repeat top octave)-----	61 notes
16	1	Sifflöte -----from #9 --- (repeat top octave)-----	61 notes
17	16	Contre Trompette -----	85 pipes
18	8	Trompette -----	61 notes
19	4	Clairon -----from #17 -----	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon -----12 pipes, 20 from #11 -----	32 notes
22	8	Principal -----from #1 -----	32 notes
23	8	Rohrflöte -----from #9 -----	32 notes
24	4	Octave -----from #1 -----	32 notes
25	4	Rohrflöte -----from #9 -----	32 notes
26	III	Mixture -----from # 7 -----	32 notes
27	16	Contre Trompette -----from #17 -----	32 notes
28	8	Trompette -----from #17 -----	32 notes
29	4	Clairon -----from #17 -----	32 notes

COUPLERS

30	Great to Pedal
31	Swell to Pedal
32	Sell to Great

ADJUSTABLE COMBINATIONS

Solid State - Single Memory

Pistons No. 1-2-3-4
 General Cancel
 Setter Piston
 Combination Lock

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
 Balanced Expression 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

1/16/87
 RVK/a

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
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GREAT ORGAN - Unenclosed

Principal (Exposed in facade)	8	95	45	17-1/2	1/4	12 Zinc S.M.	3-1/2"
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Mixture	III-IV	208		See Formula below			3-1/2"
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SWELL ORGAN - Enclosed

Rohrflöte	8	85	CC to BB Reg. TC 68	Art. Tapered Bass 21-1/2	2/9	Wood CM	#1-4 #5 up	4-1/2" 3-1/2"
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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 Pull in 12 scales between #69 & 80	4-1/2" 3-1/2"
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Gemshorn Celeste	8	49	56-1/2 @ CC	19-1/2	2/9	SM	3-1/2"
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Contre Trompette	16	85	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & S.M.	3-1/2"
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PEDAL ORGAN

Bourdon (Exposed in facade)	16	12	Reg. Man. Bourdon			Wood	3-1/2"
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GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12	12
26	22	19	15	15	15	
29	26	22	19	19		
	29	26	22			
1-12	13-18	19-30	31-49	50-54	55-56	57-61

Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	50 Sc.	17-1/2	1/4 mouth	S.M.