

Ellis

M. P. MOLLER ORGAN FACTORY

11767

ZION LUTHERAN CHURCH, ACCIDENT, MARYLAND

SPECIFICATIONS FOR SERIES 80-4 ORGAN PLUS CELESTE
To be completed December 11, 1987

REVISED

GENERAL

(1) ORGAN

Cabinet	Standard design with special detail and pipe facade
Wood & Finish	Rift Sawn Oak - to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70 degrees F.

(2) CONSOLE

Cabinet	Standard design (Series 80-U)
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 below organ cabinet)

Type	Ventus 610812 - .45 HP - 3360 RPM
Wind	220 CFM @ 4" - 5" outlet
Current Specification	1 Phase 60 Cycles ²³⁰ 120 Volts 4 Amperes
Overall Size	1'-6 1/8" x 1'-2 3/4" x 1'-5 1/16" high

(4) POWER UNIT (mounted below organ cabinet)

Rating	DC output: 10-15 Volts 35 Amperes
AC Input	1 Phase 60 Cycles 120 Volts 7.5 Amperes
Overall Size	11" x 11" x 5" high

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CONSOLE AND ORGAN

GREAT ORGAN

1	8	Principal.....#1-12 from #2,3,& 5.....73 pipes
2	8	Rohrflote.....85 pipes
3	8	Gemshorn.....80 pipes
4	4	Octave.....from #1.....61 notes
5	4	Spillflote....from #2.....61 notes
6	2	Waldflote....from #2.....61 notes
7	8	Trompette.....from #16.....61 notes
8		Chimes.....(prepared for in console only)

SWELL ORGAN

9	8	Rohrflote.....from #2.....	61 notes
10	8	Gemshorn.....from #3.....	61 notes
11	8	Gemshorn Celeste TC.....	49 pipes
12	4	Waldflote.....from #2.....	61 notes
13	4	Gemshorn.....from #3.....	61 notes
14	2	Principal.....from #1.....	61 notes
15	1-1/3	Larigot.....from #3... (repeat top octave)....	61 notes
16	1	Zimbel.....from #2... (repeat top octave)....	61 notes
17	8	Trompette.....	73 pipes
18	4	Clairon.....from #16.....	61 notes
19		Tremolo	

PEDAL ORGAN

20	16	Subbass.....12 pipes, 20 from #2.....	32 notes
21	8	Rohrflote.....from #2.....	32 notes
22	4	Principal.....from #1.....	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

ADJUSTABLE COMBINATIONS-Solid State-Single Memory

Pistons No. 1-2-3-4-5	Affecting Full Organ
General Cancel	
Combination Adjustor	
Combination Lock	

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
 Organ platform with enclosure

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W	
Principal	8 TC	73	57	17	1/4	SM	3-	
Rohrflote	8	85	CC to BB Reg. Art. Tapered Bass					Wo
			TC 68	21	2/9	CM #1-4	4-	
			Sm. I.S. Chimneys #19-62 #5 up					3-
			Pull in 8 Sc. between #62 & 73					
Gemshorn	8	80	CC 56	19	2/9	12 Zinc SM		
			C 68-1/2	19	2/9	#1-12	4-	
			#56 98	17	1/6	#13 up	3-	
Gemshorn Celeste	8 TC	49	CC 56-1/2	19	2/9	SM	3-	
Trompette	8	73	2-1/4"	#1-6	1/2 L.	Zinc & SM D(F) Esch.	3-	
Subbass	16	12	Reg. Man. Bdn.			Wood	4-	

AEN/rvk
10/26/87