

Ellis

M. P. MOLLER ORGAN FACTORY

11758 MOUNT OLIVET UNITED METHODIST CHURCH, SEAFORD, DELAWARE

SPECIFICATIONS FOR SERIES 80-12 ORGAN PLUS CELESTE REVISED
To be completed March 1, 1988

2/2
GENERAL

(1) ORGAN

Cabinet & Enclosure	Chamber installation, refer to layout Great - Partially exposed with paneling Swell - Silvite (Charcoal Brown)
Wood & Finish	Quartered Oak - to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70 degrees F.

(2) CONSOLE

Cabinet	Present - Refinish
Wood & Finish	Quartered Oak - to customer's sample
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes - 4 oz. touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (detached)

Type	Present 3 P 2724 1 1/2 HP 1150 RPM
Wind	440 CFM @ 4" - 10" outlet
Current Specification	3 Phase 60 Cycles 220 Volts 5 Amperes
Overall Size	4'-10" L. x 2'-4" W. x 3'-1" H.

(4) POWER UNIT (mounted in organ space)

Rating	DC output: 10-15 Volts 50 Amperes
AC Input	1 Phase 60 Cycles 120 Volts 9.5 Amperes
Overall Size	13-3/4" x 11" x 6" high

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CONSOLE AND ORGAN

GREAT ORGAN - Unenclosed

1	8	Principal.....	85 pipes
2	8	Gedeckt.....	85 pipes
3	8	Gemshorn.....from #13.....	61 notes
4	4	Octave.....from #1.....	61 notes
5	4	Gedeckt.....from #2.....	61 notes
6	2	Super Octave..from #1.....	61 notes
7	2	Blockflote....from #2.....	61 notes
8	III-IV	Mixture.....	208 pipes
9	8	Schalmei TC.....	49 pipes
10		Chimes....present tubes & action.....	21 tubes
11		Tremolo	

SWELL ORGAN - Enclosed

12	8	Rohrflote.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	8	Gemshorn Celeste TC....	present pipes.....49 pipes
15	4	Spitzprincipal.....	73 pipes
16	4	Waldflote.....	from #12.....61 notes
17	2	Octavin.....	from #15.....61 notes
18	1-1/3	Larigot.....	from #13..(repeat top octave)....61 notes
19	1	Zimbel.....	from #15..(repeat top octave)....61 notes
20	16	Contre Trompette...	12 new, 73 present.....85 pipes
21	8	Trompette.....	from #20.....61 notes
22	4	Clairon.....	from #20.....61 notes
23		Tremolo	

PEDAL ORGAN

24	32	Untersatz.....	from #2 & 26.....32 notes
25	16	Principal.....	12 pipes, 20 from #1.....32 notes
26	16	Subbass.....	12 present pipes, 20 from #2.....32 notes
27	8	Principal.....	from #1.....32 notes
28	8	Rohrflote.....	from #12.....32 notes
29	4	Octave.....	from #1.....32 notes
30	4	Gedeckt.....	from #2.....32 notes
31	III	Mixture.....	from #8.....32 notes
32	32	Reed Cornet...	from #12 & 20.....32 notes
33	16	Contre Trompette...	from #20.....32 notes
34	4	Clairon.....	from #20.....32 notes

COUPLERS

35	Great to Pedal
36	Swell to Pedal
37	Swell to Great

ADJUSTABLE COMBINATIONS-Solid State-Single Memory

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

PEDAL MOVEMENTS

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

Great to Pedal reversible

ACCESSORIES - Present unless noted

Concave, radiating pedal clavier
 Organ bench with music shelf
 Music rack with new light
 New pedal light

ACCESSORIES - continued

New Transposer

Motor and blower

New DC organ power unit of ample capacity

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

PIPE ANALYSIS

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>REMARKS</u>	<u>W.P.</u>
<u>GREAT ORGAN</u> - Unenclosed							
Principal	8	85	43/55/67/80/93	17	1/4	12 Zinc SM #1-12 4-1/2" #13 up 3-1/2"	
Gedeckt	8	85	CC Reg. Art. Tap. Bass TC 68 21		2/9	Wood CM	3-1/2"
Mixture	III	208	See formula				
Schalmei	8 TC	49	1-1/4" Reg.			C(F) Esch.	3-1/2"
<u>SWELL ORGAN</u> - Enclosed							
Rohrflote	8	73	56	21	2/9	12 Zinc CM Sm. I. S. Chimneys #19-62 Pull in 8 sc. between #62 & 73	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19 19 17	2/9 2/9 1/6	12 Zinc SM	3-1/2"
Gemshorn Celeste	8 TC	49	present	70	18	SM	3-1/2"
Spitzprincipal	4	73	60-2/3	18	1/4	CM	3-1/2"
Contre Trompette	16	85	CCC to BBB 3"new CC up present 2-1/2"	1/2 L.		D(F) Esch. E(1/2) Esch.	3-1/2"
<u>PEDAL ORGAN</u>							
Principal	16	12	33/43	17	1/4	Zinc	4-1/2"
Subbass	16	12	present #2 Sc. Bdn.			Wood	4-1/2"

PIPE ANALYSIS - continuedGREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12	12
26	22	19	15	15	15	
29	26	22	19	19		

1-12	13-18	19-30	31-49	50-54	55-56	57-61

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

32 UNTERSATZ WIRING SCHEMATIC

#1-12 play 16 Subbass #1-12
 #1-12 play 16 Subbass #8-12 & 8 Gedeckt #1-7
 #13-32 play 16 Subbass #1-12 & 8 Gedeckt #1-8

32 REED CORNET WIRING SCHEMATIC

6-2/5 #1-12 play 8 Rohrflote #5-16
 4-4/7 #1-12 play 8 Rohrflote #11-22
 3-5/9 #1-12 play * Rohrflote #15-26
 #13-32 play 16 Contre Trompette #1-20

AEN/rvk
 11/18/87