

File

M. P. MOLLER ORGAN FACTORY

11765 FIRST UNITED METHODIST CHURCH, SHELTON, CONNECTICUT

SPECIFICATIONS FOR SERIES 80-5 ORGAN PLUS CELESTE

REVISED

To be completed July 1, 1988

2/6

GENERAL

(1) ORGAN

	Chamber installation, layout will be provided
Wood & Finish	Rift Sawn Oak - M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70 degrees 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 (detached)

Type	Ventus 610812 - .45 HP - 3360 RPM
Wind	300 CFM @ 4" - 5" outlet
Current Specification	1 Phase 60 Cycles 120 Volts 4 Amperes
Overall Size	1'-2 3/4" wide x 1'-6 1/8" high x 1'-4 1/8" high

(4) POWER UNIT (mounted in organ cabinet)

Rating	DC output - 11-15 Volts - ³⁵ 20 Amperes
AC Input	1 Phase 60 Cycles 120 Volts 4.5 ^{7.5} Amperes
Overall Size	9" wide x 10-1/2" deep x 5" high

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CONSOLE AND ORGAN

GREAT ORGAN (Enclosed with Swell)

1	16	Bourdon.....from #10 & 21.....61 notes
2	8	Principal.....85 pipes
3	8	Rohrflote.....from #10.....61 notes
4	8	Gemshorn.....from #11.....61 notes
5	4	Octave.....from #2.....61 notes
6	4	Rohrflote.....from #10.....61 notes
7	2	Super Octave..from #2.....61 notes
8	2	Flute.....from #10.....61 notes
9	8	Trompette.....from #18.....61 notes

9a Chimes Mayland bells, electric action, transformer
+ volume control + relays, A to F, #22 to 42..

SWELL ORGAN (Enclosed)

10	8	Rohrflote.....	85	pipes
11	8	Gemshorn.....	80	pipes
12	8	Gemshorn Celeste TC.....	49	pipes
13	4	Spitzprincipal.....	73	pipes
14	4	Rohrflote.....from #10.....	61	notes
15	2	Spitzoctave...from #13.....	61	notes
16	1-1/3	Larigot.....from #11..(repeat top octave)....	61	notes
17	1	Klein Octave..from #13..(repeat top octave)....	61	notes
18	8	Trompette.....	73	pipes
19	4	Clairon.....from #18.....	61	notes
20		Tremolo		

PEDAL ORGAN

21	16	Bourdon.....12 pipes, 20 from #10.....	32	notes
22	8	Principal.....from #2.....	32	notes
23	8	Rohrflote.....from #10.....	32	notes
24	4	Octave.....from #2.....	32	notes
25	4	Rohrflote.....from #10.....	32	notes
26	16	Contre Trompette...12 pipes, 20 from #18.....	32	notes
27	4	Clairon.....from #18.....	32	notes

COUPLERS

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

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6-7-8 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 electric wiring

GENERAL

Organ to be delivered, installed, tuned and tonal finished by M. P. Moller, Inc. Organ to be installed in existing chamber in rear of Church. All electrical conduits and motor starter to be supplied by Church. Rear wall presently covering chamber to be opened and finished by Church.

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> - Enclosed with Swell							
Principal	8	85	43/55/67/80/93	17	1/4	12 Zinc SM	3-1/2"
<u>SWELL ORGAN</u> - Enclosed							
Rohrflote	8	85	<i>Spec. Man. Bdn.</i> CC to BB Reg. Art. Tap. Bass Wood				
			TC 68	21	2/9	CM	3
			Sm. 1. S. Chimneys #19-62			#1-4	4-1/2"
						#5 up	3 1/2"
Gemshorn	8	80	CC 56	19	2/9	12 Zinc SM	3
			C 68-1/2	19	2/9	#1-12	4-1/2"
			#56 98	17	1/6	#13 up	3-1/2"
Gemshorn Celeste	8 TC	49	CC-56-1/2	19	2/9	SM	3-1/2"
Spitzprincipal	4	73	60-2/3	18	1/4	CM	3-1/2"
Trompette	8	73	2-1/4"	#1-6	1/2 length	C(F) Esch. Zinc & SM	3-1/2"
<u>PEDAL ORGAN</u>							
Bourdon	16	12	<i>Spec.</i> Reg. Man. Bdn.			Wood	3 4-1/2"
Contre Trompette	16	12	3" CCC	1/2 length		C(F) Esch. Zinc & SM	3-1/2"

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4-21-88