

M. P. MOLLER ORGAN FACTORY

11773

MARPLY UNITED METHODIST CHURCH, CINCINNATI, OHIO
SPECIFICATIONS FOR SERIES 80-8 ORGAN PLUS CELESTE
To be completed August 19, 1988

REVISED

GENERAL

(1) ORGAN

Cabinet & Enclosure	Great - Unenclosed - See layout Use existing paneling to extent practical
Wood & Finish	Swell - Silvite - No Grilles Plain Oak - to match existing
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70 degrees F.

(2) CONSOLE

Cabinet	Standard Design - 80 U
Wood & Finish	Plain Oak - to match existing
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 611412 - .75 HP - 3360 RPM
Wind	340 CFM @ 4" - 6" outlet
Current Specification	1 Phase 60 Cycles 120 Volts 4.6 Amperes
Overall Size	1'-5 3/4" wide x 1'-9 1/2" long x 1'-7 1/2" high

(4) POWER UNIT (mounted in organ space)

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

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CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

* 1	8	Principal.....	85 pipes
2	8	Rohrflote.....from #9.....	61 notes
3	8	Gemshorn.....from #10.....	61 notes
4	4	Octave.....from #1.....	61 notes
5	4	Rohrflote.....from #9.....	61 notes
6	2	Super Octave..from #1.....	61 notes
7	III-IV	Mixture.....	208 pipes
8		Chimes.....Mayland tubes and action, relays, transformer and volume control A to F, #22-42.....	21 bells

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.....from #17.....	61	notes
19	4	Clairon.....from #17.....	61	notes
20		Tremolo		

PEDAL ORGAN

*21	16	Principal.....12 pipes, 20 from #1.....	32	notes
*22	16	Bourdon.....12 pipes, 20 from #9.....	32	notes
23	8	Principal.....from #1.....	32	notes
24	8	Rohrflöte.....from #9.....	32	notes
25	4	Octave.....from #1.....	32	notes
26	4	Rohrflöte.....from #9.....	32	notes
27	III	Mixture.....from #7.....	32	notes
28	16	Contre Trompette...from #17.....	32	notes
29	8	Trompette.....from #17.....	32	notes
30	4	Clairon.....from #17.....	32	notes

* Unenclosed - Use in facade as practical.

COUPLERS

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31      Great to Pedal
32      Swell to Pedal
33      Swell to Great

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ADJUSTABLE COMBINATIONS
Solid State - Single Memory

Pistons No. 1-2-3-4
Combination Adjustor
Combination Lock

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (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

PIPE ANALYSIS

STOP PITCH PIPES SCALE HALVING MOUTH REMARKS W.P.

GREAT ORGAN - Unenclosed

Principal	8	85	43/55/67/80/93	17	1/4	12 Zinc SM	3-1/2" #
Mixture	III-IV	208	See formula				3-1/2"

SWELL ORGAN - Enclosed

CC to BB Spec. Man. Bdn.							
Rohrflote	8	85	CC Reg. Art. Tap. Bass		Wood	#1-4	4-1/2"
			TC 68	21	2/9	CM	#5 up 3-1/2"
			Sm. I. S. Chimneys #19-62				

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"
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Contre Trompette	16	85	3" CCC to FF half length			C(F) Esch.	3-1/2"
			FF# up full length			Zinc & SM	

PEDAL ORGAN - Exposed

Principal	16	12	33/43	17	1/4	Zinc	4-1/2"
Bourdon	16	12	Spec. Man. Bdn.			Wood	4 3-1/2"

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.	18-1/2	1/4 mouth	SM
Quint	50 Sc.	18-1/2	1/4 mouth	SM