

DISCARD ALL PREVIOUS COPIES

M. P. MOLLER ORGAN FACTORY

11782 ALL SAINTS' EPISCOPAL CHURCH, VIRGINIA BEACH, VIRGINIA

2/13

SPECIFICATIONS FOR SERIES 80-12 ORGAN
WITH EXPOSED GREAT AND GEMSHORN CELESTE

REVISED

GENERAL

(1) ORGAN

Cabinet-1 required	Standard Design - Special Grille
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	Style A7
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	Draw Knobs and Tilting Tablets
Action	All electric with under-key contacts

(3) BLOWER (detached)

Type	Ventus 611412 - 1 HP - 3360 RPM
Wind	520 CFM @ 4 1/2" - 6" outlet
Current Specification	1 Phase, 60 Cycles, 120 Volts, 9.2 Amperes
Overall Size	1'-7 1/4" wide x 1-11 1/4" long x 1'-9 high

(4) POWER UNIT (mounted in Great organ)

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

* * * * *

CONSOLE AND ORGAN

GREAT ORGAN - ^(exposed) Unenclosed

1.	8	Principal.....	85 pipes
2.	8	Holzgedackt.....	73 pipes
3.	8	Gemshorn.....from #13.....	61 notes
4.	4	Octave.....	61 pipes
5.	4	Stopped Flute.....from #2.....	61 notes

GREAT ORGAN (Continued)

6.	2	Super Octave.....from #1.....61 notes
7.	II	Sesquialtera TC.....prepared for
8.	III-IV	Mixture.....224 pipes
9.	8	Trompette.....from #19.....61 notes
10.	8	Krummhorn TC.....49 pipes
11.		Chimes.....Mayland bells, action, relays, transformer, and volume control #22-42.....21 bells

SWELL ORGAN - Enclosed

12.	8	Rohrflote.....85 pipes
13.	8	Gemshorn.....80 pipes
14.	8	Gemshorn Celeste TC.....49 pipes
15.	4	Principal.....61 pipes
16.	4	Spitzflote.....from #13.....61 notes
17.	2	Blockflote.....from #12.....61 notes
18.	1-1/3	Quintflote...from #13 (repeat top octave).....61 notes
19.	16	Contre Trompette.....85 pipes
20.	8	Trompette.....from #19.....61 notes
21.	4	Clairon.....from #19.....61 notes
22.		Tremolo (electric)

PEDAL ORGAN

23.	32	Untersatz.....from #25.....32 notes
24.	16	Principal.....12 pipes; 19 from #1.....32 notes
25.	16	Subbass.....12 pipes; 19 from #2.....32 notes
26.	8	Principal.....from #1.....32 notes
27.	8	Rohrflote.....from #12.....32 notes
28.	4	Choral Bass.....from #1.....32 notes
29.	16	Contre Trompette.....from #19.....32 notes
30.	4	Clairon.....from #19.....32 notes

COUPLERS

31.	Great to Pedal
32.	Swell to Pedal
33.	Swell to Great 16
34.	Swell to Great
35.	Swell to Great 4
36.	Swell 4

ADJUSTABLE COMBINATIONS
Solid State - Single Memory

Pistons No. 1-2-3	Affecting Great Organ
Pistons No. 1-2-3	Affecting Swell Organ
Toe Studs No. 1-2-3	Affecting Pedal Organ
Pistons No. 1-2-3-4-5-6	Affecting Full Organ
	(duplicated by toe studs)
General Cancel	
Combination Adjustor	
Combination Lock	

REVERSIBLES

Great to Pedal - toe stud
Swell to Pedal - toe stud
Tutti - toe stud with indicator light (red jewel)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to open)
electric motor
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
Signal light and button
Motor and power unit on-off switch (lock type) with indicator light
(amber jewel) and related electric wiring

GENERAL

Supports for exposed mechanism by M. P. Moller, Inc.

Panelwork for exposed mechanism by Church.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P.
<u>GREAT ORGAN</u>							
Principal	8	85	43	17	1/4	8 10 Zinc SM	3-1/2"
Holzgedackt	8	73	RMB			Wood	3-1/2"
Octave	4	61	56	17	1/4	5 Zinc SM	3-1/2"

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P.
------	-------	-------	-------	---------	-------	---------	------

GREAT ORGAN (Continued)

Mixture	III-IV	224	See Formula			SM	3-1/2"
Krummhorn TC	8	49	1-5/8" @ 8'	Dulzian		SM B(F) Esch.	3-1/2"

SWELL ORGAN - Enclosed

Rohrflote	8	85	#1-44 56	21	2/9	#1-12 Wood Artiste Tapered 13-44 DLA O.S. Chimneys	
			Blockflote from #45-85	68-2/3 @ 2'			
			18	2/9	Zinc SM		3-1/2"
Gemshorn	8	80	CC 56	19	2/9	12 Zinc SM	3-1/2"
			C 68-1/2	19	2/9		
			#56 98	18	1/6		
Gemshorn Celeste TC	8	49	CC 56-1/2	19	2/9	SM	3-1/2"
Principal	4	61	60	17	1/4	SM	3-1/2"
Contre Trompette	16	85	3" CCC to FF 1/2 length FF# up full length			D(F) Esch. Zinc & SM	3-1/2"

PEDAL ORGAN

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

GREAT III-IV MIXTURE FORMULA

19	15	12	8	1
22	19	15	12	8
26	22	19	15	12
	26	22	19	15

	1-20	21-32	33-44	45-48	49-61
Unison	48 Sc. @ 8'	17-1/2	1/4 mouth	SM	
Quint	48 Sc. @ 8'	17-1/2	1/4 mouth	SM	

32 UNTERSATZ WIRING SCHEMATIC

#1-12 plays 16 Subbass #1-12
#1-12 plays 16 Subbass #8-19
#13-32 plays 16 Subbass #1-20

IGL/jm
8-23-89
Rev. 9-14-89

Salesman: John Holland