

AR SERIES ORGAN  
EARMARK FOR  
#11731 - MT. ZION UNITED METHODIST CHURCH, MYERSVILLE, MARYLAND  
SPECIFICATIONS FOR A 6 RANK SERIES 80 ORGAN  
TO BE COMPLETED SEPTEMBER 1, 1986

GENERAL

(1) ORGAN

Cabinet	Standard Design - no grilles	
Wood & Finish	Silvite - charcoal brown	mo Op 4779, 1927
Action	Electro-Pneumatic (unit type)	
Wind Pressure	See Pipe Analysis	
Pitch	A-440 @ 70°F	

(2) CONSOLE

Cabinet	Present - detached
Wood & Finish	Refinish (same color)
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes - 4 oz. touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	New electric stop keys in new nameboard
Action	<del>All electric with under key contacts</del> <i>Electro-Pneumatic Conventional Couplers</i>

(3) BLOWER (Present - located in blower room - new motor)

Type	Style - 2 CYM - 2 HP - 1150 RPM
Wind	260 c.f.m. @ 4" - 10" outlet
Current Specification	1 Phase - 60 Cycles - 240 Volts - 15.5 Amperes
Overall Size	6'-4" x 2'-11" x 3'-10" high

(4) POWER UNIT (mounted in organ)

Rating	DC Output: 10-15 Volts - 30 Amperes
AC Input	1 Phase - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN

(*) 1	8	Principal-----	85 pipes
2	8	Rohrflöte-----	85 pipes
3	8	Gemshorn -----	80 pipes
4	4	Octave-----from #1-----	61 notes
5	4	Rohrflöte-----from #2-----	61 notes
6	2	Super Octave-----from #1-----	61 notes
(*) 7	II-III	Mixture <i>Temporary wires @ 1' from #1, repeat to octaves - 61 notes</i>	
8		Chimes <i>Detached bell and electric action, relay, transformer</i>	

*(WITH CANOPY) and Volume Control A to F, #22 to 42 --- 21 bells*

(\*) Unenclosed

SWELL ORGAN

9	8	Rohrflöte-----	from #2-----	61 notes
10	8	Gemshorn-----	from #3-----	61 notes
11	8	Gemshorn Celeste-----	present 8 Dulciana pipes #13 up-----	49 pipes
12	4	<del>Rohrflöte</del> <i>Bassoon</i> -----	from #2-----	61 notes
13	4	Dolce-----	from #3-----	61 notes
14	2	Rohrflöte-----	from #2-----	61 notes
15	1-1/3	Larigot-----	from #3--(repeat top octave)-----	61 notes
16	1	Siffelöte-----	from #2--(repeat top octave)-----	61 notes
17	8	Schalmei-----		73 pipes
18	4	Hautbois-----	from #17-----	61 notes
19		Tremolo		
13 A	2 2/3	Piccolo	from #2-----	61 notes

PEDAL ORGAN

(*) 20	16	Subbass-----	present 16 Bourdon pipes and action-----	32 pipes
21	8	Principal-----	from #1-----	32 notes
22	8	Rohrflöte-----	from #2-----	32 notes
23	4	Choralbass-----	from #1-----	32 notes
24	<del>8-16</del>	<del>Schalmei</del> <i>Bassoon</i> -----	<del>from #17</del> <i>12 pipes, 20 from #17</i>	32 notes
25	4	Hautbois-----	from #17-----	32 notes

(\*) Unenclosed

COUPLERS

26	Great to Pedal	31	Great 4
27	Swell to Pedal	32	Swell 16 ( <i>by jamb switch</i> )
28	Swell to Great 16	33	Swell Unison Off ( <i>by jamb switch</i> )
29	Swell to Great	34	Swell 4
30	Swell to Great 4		

ADJUSTABLE COMBINATIONS

Solid State - Single Memory

Pistons No. 1-2-3-4-5

Affecting Full Organ

General Cancel

Setter Piston

Combination Lock

PEDAL MOVEMENTS

Great to Pedal Reversible

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

*Present* Transparent music rack with light *new*

Pedal light

New motor, present blower, and new power unit of ample capacity.

New key operated motor switch with indicator light, amber jewel and related electrical wiring.



GENERAL

Present wind chests, reservoirs, and console to be reused, to be rebuilt in the factory of the builder in Hagerstown, Maryland and guaranteed as new. Present pipes to be reused to be entirely revoiced; entire organ to be tone finished in the church by head factory finisher.

All parts from present organ not required to complete this specification are to be removed by and become the property of M. P. Moller, Inc.

## PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
Principal	8	85	45	17-1/2	1/4	19 Zinc S.M.	3-1/2"
Rohrflöte	8	85	CC to BB Reg. TC 68	Art. Tapered Bass 21-1/2	2/9	Wood 6 Zinc C.M.	3-1/2"
				Sm. I. S. Chimneys #19-62			
				Pull in 8 scales between #62 & 73			
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Gemshorn Celeste	TC	49 present	68 @ 13	17-1/2		S.M.	3-1/2"
Schalmei	8	73	2 1/16" @ CC	#1-6	1/2 length	C(F) Eschallots Lift lid Oboe Zinc & S.M.	3-1
Bourdon	16	32 present	L B Sc.			Wood	3-1/2"
<i>Bassoon</i>	<i>16</i>	<i>12</i>	<i>3" 1/2 length Reg. Lift Lid Oboe zinc</i>			<i>(F) Eschallots</i>	<i>3 1/2"</i>