

PMD

AR SERIES ORGAN
EARMARK FOR
#11136 ZION LUTHERAN CHURCH, NEWVILLE, PENNSYLVANIA
SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

2/9+1

GENERAL

(1) ORGAN

Great Organ	Exposed, supply enclosure
Swell Organ	Standard Design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak to customers sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak to customers sample
Manuals	Two and Pedal - 4 oz. key touch
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to C, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric with multiple contacts and switches for stops and couplers.

(3) BLOWER

Type	Meidinger 1004 - .8 H.P. - 3360 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	1' - 9-1/4" x 1' - 7-5/8" x 1' - 11-3/4" high

(4) POWER UNIT

Rating	DC Output - 10-15 Volts - 50 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 240 Volts - 9 Amperes
Overall Size	23-1/2" long x 15-1/2" wide x 10-1/2" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #14.....	61 notes
5	4	Octave.....from #2	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octave.....from #1..(repeat 5 top notes).....	61 notes
8	2	Flute	61 notes
9	II-III	Mixture.....	126 126 pipes
10		Chimes....present Deagan "D" tubes & electric actions, provide new relay, transformer and volume control A-#22 to F-#42.....	21 tubes
11		Blank	
12		Tremolo	

SWELL ORGAN (Enclosed)

13	8	Rohrflote.....	73 pipes
14	8	Gemshorn	80 pipes
15	8	Gemshorn Celeste T.C...(prepared for in console only)	
16	4	Spitzprincipal.....	73 pipes
17	4	Rohrflote.....from #13.....	61 notes
18	2	Spitzoctave.....from #16.....	61 notes
19	1-1/3	Larigot.....from #14...(repeat 12 top notes).....	61 notes
20	16	Contre Trompette.....	80 pipes
21	8	Trompettefrom #20.....	61 notes
22	4	Clairon.....from #20...(repeat 5 top notes).....	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Bourdon.....from #1.....	32 notes
25	8	Principal.....from #2.....	32 notes
26	8	Gedeckt.....from #1.....	32 notes
27	8	Gemshorn.....from #14.....	32 notes
28	4	Octave.....from #2	32 notes
29	4	Rohrflote.....from #13.....	32 notes
30	III	Mixture.....from #8.....	32 notes
31	16	Contre Trompette....from #20.....	32 notes
32	8	Trompette.....from #20.....	32 notes
33	4	Claironfrom #20	32 notes

COUPLERS

34	Great to Pedal
35	Swell to Pedal
36	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)
 and related wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack light
 Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Artiste Tapered Bass			Wood)	3-1/2"
			TC up Reg. Artiste Treble			Wood & S.M.)	
Principal	8	80	CC-52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	II-III	183 ¹³⁶	See Formula Below				3-1/2"

SWELL ORGAN

Rohrf18te	8	73	56	21-1/2	1/5	Sm O.S. Chimneys (19-#62)	
						18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54	17-1/2			
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	3-1/2"
			#56 102-2/3	18-1/2			
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length		Zinc & S.M.	3-1/2"
				FF# up full length			
				D(F) Eschallote			

GREAT III MIXTURE FORMULA

15 19	12 12	12 12	12 12	14 15
19 22	15 19	15 19		
22	19 22	19		
	22			
1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	18-1/2 7/2	1/4 mouth	S.M.
Quint	49 Sc.	18-1/2 7/2	1/4 mouth	S.M.