

AR SERIES ORGAN  
 EARMARK FOR  
 #11140 ZION LUTHERAN CHURCH, BOALSBURG, PENNSYLVANIA  
 SPECIFICATIONS OF AN 8 RANK SERIES 70 ORGAN

7 24

GENERAL

2) ORGAN

Great Organ	Exposed, supply enclosure
Swell Organ	Standard Design
	Organ layout will be supplied
Wood & Finish	Rift Sawn Oak to <del>customer's sample</del> M-4150-2
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

3) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak to <del>customer's sample</del> M-4150-2
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes - 4 oz. key touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric with multiple contacts and switches for stops and couplers.

3) BLOWER (located in blower enclosure)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Rating	500 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/2" high

4) POWER UNIT (Located in Organ)

Rating	DC Output 10-15 Volts, 50 Amperes
Current Specification	1 Ph - 60 Cy - 220 Volts - 9 Amperes
Overall Size	23-1/2" L x 15-1/2" W x 10-1/2" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

16	Bourdon.....	97 pipes
8	Principal .....	73 pipes
8	Gedeckt .....from #1.....	61 notes
8	Gemshorn.....from #13 .....	61 notes
4	Octave.....from #2 .....	61 notes
4	Gedeckt.....from #1.....	61 notes
2	Flute.....from #1..(repeat 5 top notes).....	61 notes
II	Sesquialtera TC .....	98 pipes
III-IV	Mixture .....	183 pipes
	Chimes.....present <i>Seagan M 22-41 ms. mayland with canopy</i> <del>transformer &amp; volume control.</del> Provide new top F, A-#22 to F-#42 .....	21 tubes

Trenolo

SWELL ORGAN (Enclosed)

8	Spitzflöte.....(low octave from #13).....	73 pipes
8	Gemshorn.....	85 pipes
4	Spitzflöte.....from #12.....	61 notes
2	Spitzflöte .....from #12.....	61 notes
1-1/3	Larigot .....from #13..(repeat 7 top notes).....	61 notes
16	Contre Trompette .....	85 pipes
8	Trompette .....from #17 .....	61 notes
4	Clairon .....from #17 .....	61 notes
	Tremolo	

PEDAL ORGAN

16	Bourdon.....from #1.....	32 notes
8	Principal.....from #2 .....	32 notes
8	Gedeckt .....from #1.....	32 notes
8	Gemshorn.....from #13 .....	32 notes
4	Octave .....from #2.....	32 notes
4	Spitzflöte .....from #12.....	32 notes
III	Mixture.....from <del>#7</del> #9.....	32 notes
16	Contre Trompette....from #17.....	32 notes
8	Trompette.....from #17.....	32 notes
4	Clairon .....from #17.....	32 notes

COUPLERS

- Great to Pedal \*
- Swell to Pedal
- Swell to Great

\* includes chimes, wire #10 - #30 inc.

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ

PEDAL MOVEMENTS

- balanced Expression Pedal - Great Organ (8 contacts, reverse system)
- 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
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass C & up Reg. Artiste Treble			Wood ) Wood ) Wood & S.M.)	3-1/2"
Principal	8	73	<sup>48</sup> CC <del>52</del> TC 60	18-1/2	1/4	17 Zinc S.M. )	3-1/2"
Sesquialtera	II TC	98	See Formula Below				3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
Spitzflote T.C.	8	73	60-2/3 @ 4°C	19-1/2	1/5	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2		17 Zinc S.M.	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

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GREAT III-IV MIXTURE FORMULA

15	12	12	<del>12</del> 12	12
19	15	15	<del>15</del> 15	15
22	19	19	<del>19</del> 19	19
	22			
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1-37	38-49	50-54	55-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC FORMULA

	12	12		
	17	15		
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	13-56	57-61		
2-2/3	68-3/4	18-1/2	2/9 mouth	S.M.
2	74	13-1/2	2/9 mouth	S.M.
1-3/5	75-1/2	18-1/2	1/5 mouth	S.M.