

AR SERIES ORGAN
 EARMARK FOR
 #11183 ST. PETER LUTHERAN CHURCH, POCONONTAS, IOWA
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13
GENERAL

(1) ORGAN

Great Organ
 Swell Organ
 Wood & Finish
 Action
 Wind Pressure
 Pitch

Exposed, Supply Enclosure
 Standard Design *without grille*
 Rift Sawn Oak to customer's sample
 Electro-Pneumatic *charcoal brown*
 See Pipe Analysis
 A-440 @ 70°F

(2) CONSOLE

Cabinet
 Wood & Finish
 Manuals
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

Standard Design
 Rift Sawn Oak to customer's sample
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric

(3) BLOWER (located in Blower space)

Type
 Wind
 Current Specification
 Overall Size

Kinetic Style 2-P-2116 - 1/2 HP - 1725 RPM - 6" outlet
 540 c.f.m. @ 4"
 1 Ph - 60 Cy - 110 Volts - 72 Amperes
 2' - 5-3/4" x 1' - 10 3/8" x 2' - 4-3/8" high

(4) POWER UNIT (mounted in console)

Rating
 Current Specification
 Overall Size

DC Output: 10-15 Volts, 30 Amperes
 AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
 1' - 2-1/2" long x 10 3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon	-----97 pipes
2	8	Principal	-----73 pipes
3	8	Gedeckt	-----from #1 -----61 notes
4	8	Genshorn	-----from #13 -----61 notes
5	4	Octave	-----from #2 -----61 notes
6	4	Gedeckt	-----from #1 -----61 notes
7	2	Flute	-----from #1 -----61 notes
8	11	Sesquialtera T.C.	-----98 pipes
9	III-IV	Mixture	-----183 pipes
10		Chimes	----- (prepared for in console only)
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote -----	73 pipes
13	8	Gemshorn -----	30 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflote -----from #12 -----	61 notes
17	2	Spitzoctave-----from #15 -----	61 notes
18	1-1/3	Larigot -----from #13--(repeat 12 top notes)-----	61 notes
19	16	Contre Trompette -----	80 pipes
20	8	Trompette -----from #19 -----	61 notes
21	4	Clairon -----from #19--(repeat 5 top notes) -----	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Principal -----12 pipes, 20 from #2-----	32 notes
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 #13 -----	32 notes
28	4	Octave ----- from #2 -----	32 notes
29	4	Rohrflote ----- from #12-----	32 notes
30	111	Mixture ----- from #9 -----	32 notes
31	16	Contre Trompette --- from #19 -----	32 notes
32	8	Trompette----- from #19-----	32 notes
33	4	Clairon----- from #19-----	32 notes

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

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
 Music rack light
 Pedal light

PIPE ANALYSIS

TOP PITCH PIPES SCALE HALVING MOUTH METAL WIND PR

GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon	Wood	)	
			CC to BB Reg. Artiste Tapered Bass	Wood	)	3-
			TC up Reg. Artiste Treble	Wood & S.M.)		
Principal	8	73	48	18-1/2	1/4	17 Zinc S.M.) 3-
Mixture	III-IV	183	See Formula Below			3-
Sesquialtera	II TC	98	See Formula Below			3-

SWELL ORGAN

Chromflute	8	73	56	21-1/2	2/9	SM O.S. Chimneys #19-#62 18 Zinc S.M.	3-
Shawm	8	80	CC 56 C 68-1/3 #56 102-2/3 98	19-1/2 19-1/2 20-1/2 17 1/2	2/9 2/9 1/6	17 Zinc S.M.	3-
Shawm Celeste	8 TC	49	58-1/3 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-
Pitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc C.M.	3-
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-

PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-
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GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
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 MIXTURE FORMULA

12	12	10
17	17	12
13-56	57-61	
2-2/3 68-3/4	18-1/2	2/9 mouth S.M.
2 74	18-1/2	2/9 mouth S.M.
1-3/5 75-2/3	18-1/2	1/5 mouth S.M.
2-2/3 74 @ 13	17 1/2	2/9 mouth
1-3/5 82 @ 13	17 1/2	1/5 mouth