

AR SERIES ORGAN
 EAFMARK FOR
 #11414, FIRST LUTHERAN CHURCH, INTERNATIONAL FALLS, MINNESOTA
 SPECIFICATIONS FOR A SERIES 70-9A ORGAN

2/12

GENERAL

(1) ORGAN

Great Organ	Standard design without grille
Swell Organ	Standard design without grille
	Layout will be supplied
Wood & Finish	Silvite - Charcoal Brown
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak - M-4150-2
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located in organ space)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	520 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amp
Overall Size	14-1/2" x 10-3/4" x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

1	16	Bourdon-----	97 p
* 2	8	Principal-----	73 p
3	8	Gedeckt -----from #1-----	61 n
4	8	Gemshorn-----from #13-----	61 n
5	4	Octave-----from #2-----	61 n
6	4	Gedeckt-----from #1-----	61 n
7	2	Flute-----from #1-----	61 n
8	III-IV	Mixture-----	183 p
9	4	Trichter Regal-----	61 p
10		Chimes---Mayland tubes & electric actions, relay, transformer and volume control A to F, #22 to #42-----	21 t
11		Tremolo	

* CC only exposed

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflöte -----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	III	Mixture -----from #8 -----	32 notes
30	16	Contre Trompette -----from #19 -----	32 notes
31	8	Trompette -----from #19 -----	32 notes
32	4	Trichter Regal -----from #9 -----	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contact, make to close)

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)

Concave, radiating pedal claviers

Organ bench with music shelf

Music rack

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Taper Bass TC 68 21-1/2 2/9			Wood) Wood) 5 Zinc C.M.)	3-1/2"
Principal	8	73	CC 52 TC 60 18-1/2	1/4		19 Zinc S.M.	3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass tube, funnel top			D(F) Eschallots	3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	Sm O.S. Chimneys 19-62 18 Zinc C.M.	3-1/2"
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 8		49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette 16		80	3" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	CCC 36 CC 52 18-1/2	1/4	Zinc	3-1/2"
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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.