

AR SERIES ORGAN
 EARMARK FOR
 #11375, SUGAR CREEK LUTHERAN CHURCH, ELKHORN, WISCONSIN
 SPECIFICATIONS FOR A SERIES 70-7A ORGAN

2/9

GENERAL

(1) ORGAN

Great Organ	Exposed Great, supply enclosure
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak M-4150-2
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 below organ)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2'-6" high

(4) POWER UNIT (located in console)

Rating	DC Output- 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long, 10-3/4" wide x 7" 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 #13 -----	61 notes
5	4	Octave -----from #2 -----	61 notes
6	4	Gedeckt -----from #1 -----	61 notes
7	2	Super Octave -----from #2--(repeat 5 top notes)-----	61 notes
8	2	Flute -----from #1--(repeat 5 top notes)-----	61 notes
9	II-III	Mixture -----	126 pipes
10		Trompette -----from #18 -----	61 notes
11		Tremolo	

SWELL ORGAN (Enclosed)

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

PEDAL ORGAN

22	16	Bourdon -----from #1-----	32 notes
23	8	Principal -----from #2-----	32 notes
24	8	Gedeckt -----from #1-----	32 notes
25	8	Gemshorn -----from #13-----	32 notes
26	4	Octave-----from #2-----	32 notes
27	4	Rohrflöte-----from #12-----	32 notes
28	III	Mixture -----from #7 & #9-----	32 notes
29	16	Contre Trompette -----from #18 -----	32 notes
30	8	Trompette -----from #18-----	32 notes
31	4	Clairon -----from #18 -----	32 notes

COUPLER

32 Swell to Great

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stage, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

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

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
GREAT ORGAN							
Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC 56	21-1/2	2/9	Wood 17 Zinc S.M.	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Rohrflote	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 68-1/3 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 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"

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GREAT II-III MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
	1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	