

AR SERIES ORGANS
EARMARK FOR
#11578, BEAUTIFUL SAVIOUR EVAN. LUTHERAN CHURCH, WAUKESHA, WISCONSIN
SPECIFICATIONS FOR A 7 STOP SERIES 70 ORGAN

2/10 +1
TO BE COMPLETED: June 15, 1982

GENERAL

(1) ORGAN

Great Organ	Exposed - provide enclosure
Swell Organ	Standard design
Wood & Finish	Rift Sawn Oak - M-4150-2
	Layout will be supplied
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift-sawn oak M-4150-2
Manual	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 Swell Organ)

Type	<i>Meid. 1004 .8 3360</i> Kinetic 2-P 2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 C.F.M. @ 4"
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5 3/4" x 1' - 10 3/8" x 2' - 6 1/4" <i>1' - 9 1/4" x 1' - 7 7/8" x 1' - 11 3/4"</i>

(4) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long x 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 #14-----	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	III-IV	Mixture -----	183 pipes
10	8	Trompette -----from #20 -----	61 notes
11		Chimes -----(prepared for in console only)	
12		Tremolo	

SWELL ORGAN (enclosed)

13	8	Rohrflöte -----	73 pipes
14	8	Gemshorn -----	80 pipes
15	8	Gemshorn Celeste TC--(prepared for in console only)	
16	4	Spitzprinzipal -----	73 pipes
17	4	Rohrflöte -----from #13 -----	61 notes
18	2	Spitzoctav -----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	Trompette -----from #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	Rohrflöte -----from #13-----	32 notes
30	III	Mixture-----from #9 -----	32 notes
31	16	Contre Trompette-----from #20 -----	32 notes
32	8	Trompette -----from #20 -----	32 notes
33	4	Clairon -----from #20 -----	32 notes

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ

PEDAL MOVEMENTS

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 (toggle type) with indicator light

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
GREAT ORGAN							
Bourdon	16	92	CCC to BBB Reg. Manual	Bourdon		Wood	1-12 4 1/2"
			56	21-1/2	2/9	17 Zinc C.M.)	13 up 3 1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.)	1-20 4 1/2"
							21 up 3 1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
SWELL ORGAN							
Rohrflöte	8	73	56	21-1/2	2/9	SM O.S. Chimneys)	
						(#19-62)	3-1/2"
						18 Zinc C.M.)	
Gemshorn	8	80	CC 56	19-1/2	2/9		
			C 68-1/2	19-1/2	2/9	17 Zinc S.M.)	3-1/2"
			#56 98	17-1/2	1/6		
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			D(F) Eschallots	
			FF# up full length			Zinc & S.M.)	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.	

HWW/mr
1/8/82