

AR SERIES ORGANS
 EARMARK FOR
 #11395 BETHEL COLLEGE, ARDEN HILLS, MINNESOTA
 SPECIFICATIONS OF A 5 RANK SERIES 70 ORGAN

2/5

GENERAL

(1) ORGAN

Cabinet	Standard design, with exposed 8 Principal
Wood & Finish	Rift Sawn Oak - M-4150-2
Action	Layout will be supplied
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	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 near organ)

Type	2-P- ²¹¹⁶ 1716 - 1/2 HP - 1750 RPM - ^{6"} 4" outlet
Wind	260 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - ^{5 3/4"} 3 1/2" x 1' - ^{10 3/8"} 8" x 2' - ^{6 1/4"} 1 1/8" high

(4) POWER UNIT (located in console)

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

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GREAT ORGAN

1	16	Bourdon-----	92 pipes
* 2	8	Principal-----	85 pipes
3	8	Gedeckt -----from #1-----	61 notes
4	8	Gemshorn -----	80 pipes
5	4	Octave -----from #2 -----	61 notes
6	4	Gedeckt -----from #1 -----	61 notes
7	2	Super Octave -----from #2 -----	61 notes
8	2	Flute -----from #1 --(repeat 5 top notes) -----	61 notes
9	8	Trompette -----from #17-----	61 notes
10		Chimes --- (prepared for in console only)	

(*) Exposed

SWELL ORGAN

11	8	Gedeckt-----from #1-----61 notes
12	8	Gemshorn -----from #4-----61 notes
13	8	Gemshorn Celeste TC-(prepared for in console only)
14	4	Spitzprincipal-----73 pipes
15	4	Gedeckt-----from #1 -----61 notes
16	2	Spitzoctave -----from #14 -----61 notes
17	1-1/3	Larigot -----from #4--(repeat 12 top notes)-----61 notes
18	8	Trompette-----61 pipes
19	4	Clairon -----from #18--(top octave from #2) -----61 notes
20		Tremolo

PEDAL ORGAN

21	16	Bourdon-----from #1 -----32 notes
22	8	Principal-----from #2 -----32 notes
23	8	Gedeckt -----from #1 -----32 notes
24	8	Gemshorn-----from #12-----32 notes
25	4	Octave -----from #2 -----32 notes
26	4	Gedeckt -----from #1 -----32 notes
27	2	Super Octave-----from #2 -----32 notes
28	8	Trompette -----from #18 -----32 notes
29	4	Clairon -----from #18 -----32 notes

COUPLER

30 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal (8 contacts, reverse system)
- 2 - 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.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
Bourdon	16	92	CCC to BBB Regular Manual Bourdon			Wood)	1-16 4-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood)	17 up 3-1/2"
			TC 68 C 78	21-1/2	2/9	5 Zinc C.M.)	
Principal	8	85	48	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 56		19-1/2	2/9	) 1-12 4-1/2"
			C 66-1/2		19-1/2	2/9	) 13 up 3-1/2"
			#56 98	17-1/2	1/6	17 Zinc S.M.)	
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Trompette	8	61	2" CC to FF half length			D(F) Eschallots	3-1/2"
			FF# up full length			Zinc & S.M.	