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AR SERIES ORGAN
EARMARK FOR
11280, ST. ALBERT THE GREAT, MINNEAPOLIS, MINNESOTA
SPECIFICATIONS FOR A SERIES 70-8A ORGAN

2/11
GENERAL

(1) ORGAN

Cabinets	Exposed Great, double-decked
Wood & Finish	Layout will be supplied
Action	Rift Sawn Oak, M-4150-2
Wind Pressure	Electro-Pneumatic
Pitch	See Pipe Analysis
	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 (mounted in Organ Cabinet)

Type	Kynetic 2-P2116 ^{1/2} HP - ¹⁷⁵⁰ RPM - 6" outlet
Wind	Maidinger #1004 - 440 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	1' - 9 1/4" x 1' - 7 5/8" x 2' - 4 1/4" high <i>2' - 5 3/4" x 1' - 10 3/8" x 2' - 6 1/4" high</i>

(4) POWER UNIT (located in console)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W 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	Gemshorn.....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	III-IV	Mixture.....	183 pipes	
9	4	Trichter Regal.....	61 pipes	
10		Chimes....(prepared for in console only)		
11		Tremolo		

SWELL ORGAN (Enclosed)

12	8	Rohrflote.....	73 pipes
13	8	Gemshorn	80 pipes
14	4	Spitzprincipal	73 pipes
15	4	Rohrflotefrom #12	61 notes
16	2	Spitzoctave.....from #14	61 notes
17	1-1/3	Larigot.....from #13..(repeat 12 top notes).....	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompettefrom #18	61 notes
20	4	Claironfrom #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	Gedecktfrom #1.....	32 notes
25	8	Gemshorn.....from #13.....	32 notes
26	4	Octavefrom #2.....	32 notes
27	4	Rohrflote.....from #12.....	32 notes
28	III	Mixture.....from #8.....	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompettefrom #18.....	32 notes
31	4	Trichter Regal.....from #9.....	32 notes

COUPLER

32 Swell to Great

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stages, 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
Rigid 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 Tapered Bass TC 68	20-1/2	2/9	Wood) Wood) 5 Zinc S.M)	3-1/2"
Principal	8	73	48	18-1/2	1/4	16-17 Zinc S.M.	3-1/2"
Mixture	III-IV	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

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys (#19-#62) 18 Zinc S.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	5 Zinc C.M.	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	19	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.

9/1/77

HWW/mr