

AR SERIES ORGAN
EARMARK FOR
#10913, HURON COLLEGE, HURON, S. D.
SPECIFICATION OF A SERIES 70-8A ORGAN

2/10

GENERAL

(1) ORGAN

Great Organ	Exposed, No Enclosure
Swell Organ	Standard Series 70 Design installed on building frame.
	Organ layout will be supplied.
Wood & Finish	Rift Sawn Oak to color block M-4150-2
Fabric	Mellowtone
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 design with roll top
Wood & Finish	Rift Sawn Oak to color block 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 Blower Room) -

Type	Style 2-P-2116 - 1/2 HP - 1725 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
Size	2' - 5-3/4" long x 1' - 10 - 3/8" wide x 2' - 5-1/4" high

(4) POWER UNIT (located in Blower Room)

Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 115 Volts - 10 Amperes
Overall Size	17" long x 11" wide x 7" high

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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	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes...prepared for in console only	
11		Tremolo	

Huron Univ 11/84
St. Tank's Univ - Huron 4/01
closed 4/105

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..(repeat 12 top notes).....	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clarion.....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	Flute.....from #12.....	32 notes
28	III	Mixture.....from #8.....	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Trichter Regal....from #9.....	32 notes

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2 Affecting Swell and Pedal Organs
 Pistons No. 1-2 Affecting Great and Pedal Organs
 Pistons No. 1-2-3 Affecting Full Organ

PEDAL MOVEMENTS

1 - Balanced Expression Pedal - Swell Organ
 2 - Balanced Crescendo Pedal with indicator light (Green Jewel)

ACCESSORIES

Motor and power unit on-off switch (^{toggle}~~lock~~ type) with indicator light (red jewel)
 and related electrical wiring.

Concave and radiating pedal keyboard.

Music rack light
 Pedal light

Organ bench with music shelf
 Wood movable platform for console *with floor locks*

PIPE ANALYSIS

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB Reg. Manual Bdn. CC 56	20	2/9	Wood) SM)	1-12 4-1/2" 13 up 3-1/2"
Principal	8	73	CC 52 TC 60	18	1/4	12 Zinc S.M.)	3-1/2"
Mixture	III	183	See Formula Below			S.M.	3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tube, Funnel Top			D(F) Eschallots	3-1/2"
<u>SWELL ORGAN (Enclosed)</u>							
Rohrflöte	8	73	56	21	2/9	Sm O.S. Chimneys 12 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54-1/3 #56 102-2/3	17 20	2/9 2/9	12 Zinc S.M.))	3-1/2"
Spitzprinzipal	4	73	60-3/4	18	1/4	S.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"

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GREAT III MIXTURE FORMULA

15	12	8
19	15	12
22	19	15
<u>1-42</u>	<u>43-48</u>	<u>49-61</u>

Unison	50 Sc.	18-1/2	1/4 mouth	SM
Quint	51 Sc.	18-1/2	1/4 mouth	SM