

H. R. Daniel

AR SERIES ORGAN
EARMARK FOR
#11617, CHURCH OF ST. JOHN THE BAPTIST, BUFFALO, WYOMING
SPECIFICATIONS FOR A SERIES 80-5 ORGAN
TO BE COMPLETED - MARCH 25, 1983

2/5

GENERAL

(1) ORGAN

Great Organ	Unenclosed with Principal displayed & paneling
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 with roll top
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 with under-key contacts for stops & couplers.

(3) BLOWER (located *below Organ Cabinet*
~~in Blower Room~~)

Type	VENTUS #610810 .45 2800 4 1/4 x 3-15/16" Outlet
Wind	2 P-2116 - 1 1/2 HP - 1750 RPM - 6" outlet
Current Specification	283 260 c.f.m. @ 3-1/2" (312 c.f.m. @ 4-1/2" for 5000' elev.)
Overall Size	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes (approx.)
	2'-5 3/4" long x 1'-10 3/8" wide x 2'-6" high
	1'-2 3/4" 1'-6 7/8" 1'-5 3/16"

(4) POWER UNIT (located *below Organ Cabinet*
~~in Blower Room~~)

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 x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----from #11 & #22-----61 notes
2	8	Principal-----85 pipes
3	8	Rohrflöte-----from #11-----61 notes
4	8	Gemshorn -----from #12-----61 notes
5	4	Octave -----from #2 -----61 notes
6	4	Rohrflöte-----from #11-----61 notes
7	2	Super Octave -----from #2 -----61 notes
8	2	Flute -----from #11-(repeat 5 top notes)-----61 notes
9	8	Trompette-----from #19-----61 notes
10		Chimes ----- (prepared for in console only)

SWELL ORGAN (Enclosed)

11	8	Rohrflöte-----	80 pipes
12	8	Gemshorn-----	80 pipes
13	8	Gemshorn Celeste TC--(prepared for console only)	
14	4	Spitzprincipal-----	73 pipes
15	4	Rohrflöte -----from #11-----	61 notes
16	2	Spitzoctave-----from #14-----	61 notes
17	1-1/3	Larigot -----from #12--(repeat 12 top notes)-----	61 notes
18	1	Klein Octave -----from #14--(repeat 12 top notes)-----	61 notes
19	8	Trompette -----	61 pipes
20	4	Clairon -----from #19 (repeat 12 top notes)-----	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon-----12 pipes, 20 from #11-----	32 notes
23	8	Principal-----from #2-----	32 notes
24	8	Rohrflöte-----from #11 -----	32 notes
25	4	Octave -----from #2 -----	32 notes
26	4	Rohrflöte -----from #11 -----	32 notes
27	8	Trompette-----from #19 -----	32 notes
28	4	Clairon-----from #19-----	32 notes

COUPLERS

29	Great to Pedal
30	Swell to Pedal
31	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stage, *make to close* ~~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)
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Transparent music rack
 Music rack light
 Pedal light

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
<u>GREAT ORGAN</u> - Exposed							
Principal	8	85	#46 CC 46, C 60	18-1/2	1/4	¹⁹ / 18 Zinc S.M.) 1- ¹² / 13 up 3-1/2"	
<u>SWELL ORGAN</u> - Enclosed							
Rohrflöte	8	80	56	21-1/2	2/9	Sm. O.S. Chimneys 19-62 1-4 4-1/2" 18 Zinc C.M. 5 up 3-1/2"	
Gemshorn	8	80	CC 56, C 68-1/3 #56-98	19-1/2 17-1/2	2/9 1/6	1-12 4-1/2" 17 Zinc S.M. 13 up 3-1/2"	
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc S.M.	3-1/2"
Trompette	8	61	2-1/4"	#1-6 1/2 Length		Zinc & S.M. C(F) Eschallots	3-1/2"
<u>PEDAL ORGAN</u>							
Bourdon	16	12	Reg. Man. Bdn.			Wood	4-1/2"

IMPORTANT

VOICE AT 4" & 5" Wind Pressure for 5000 ft. altitude.

AEN/mr
1/24/83