

M. R. Daniel

AR SERIES ORGANS
EARMARK FOR
#11372, FIRST UNITED METHODIST CHURCH, LAS ANIMAS, COLORADO
SPECIFICATIONS OF A SERIES 70-5 ORGAN

2/5

GENERAL

(1) ORGAN

Cabinet	Standard design, with exposed 8 Principal
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 organ)

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	260 c.fm. @ 4"
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 3-1/2" x 1' - 8" x 2' - 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

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		Blank-----(provide slide wired to junction 1-61)
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		Blank-----(provide slide wired to junction 1-32)
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 #12-----32 notes
26	4	Octave -----from #2 -----32 notes
27	4	Gedeckt -----from #1 -----32 notes
28	2	Super Octave -----from #2 -----32 notes
29	8	Trompette -----from #18-----32 notes
30	4	Clairon -----from #18 -----32 notes

COUPLER

31 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
 Pedal light

PIPE ANALYSIS

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

IMPORTANT

Voice at 4" for 3900 ft. elevation