

AR SERIES ORGANS
 EARMARK FOR
 #11190 THE UNITED CHURCH, LOS ALAMOS, NEW MEXICO
 SPECIFICATIONS OF 4 STOP SERIES 70 ORGAN

2/3

GENERAL

(1) ORGAN

Cabinet	Standard design without grille
Wood & Finish	Silvite, Dull Charcoal Brown <i>Rift Sawn Oak M-4150-2</i>
Action	Electro-Pneumatic (unit type)
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

(3) BLOWER (located within blower space)

Type	Kinetic 3-P-2722 - <i>2</i> HP - 1165 RPM - 10" outlet
Wind	550 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 240 Volts - 2 ¹⁴ Amperes
Overall Size	4'-10" x 2'-4" x 3'-1" high <i>5'-1"</i>

(4) POWER UNIT (located within console)

Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specifications	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 (Enclosed)

1		Blank.....(provide slide in console 1-61 inc.)	
2	8	Principal.....#1-#12 from #3, #4, & #6.....	73 pipes
3	8	Gadeckt.....	80 pipes
4	8	Gemshorn.....	80 pipes
5	4	Octave.....from #2.....	61 notes
6	4	Flute.....from #3.....	61 notes
7	2	Super Octave from #2 (repeat 5 top notes)	61 notes
8		Blank(provide slide in console 1-61 inc.)	
9	8	Trompette.....from #20.....	61 notes
10		Chimes(prepared for in console only)	
11		Blank	

SWELL ORGAN (Enclosed)

12	8	Gedeckt.....from #3.....61 notes
13	8	Gemshorn.....from #4.....61 notes
14	4	Gemshorn.....from #4.....61 notes
15		Blank(provide slide in console 1-61 inc.)
16	4	Flutefrom #3.....61 notes
17	2	Flutefrom #3...(repeat 5 top notes).....61 notes
18	1-1/3	Larigotfrom #4...(repeat 12 top notes).....61 notes
19		Blank(provide slide in console 1-61 inc.)
20	8	Trompette.....61 pipes
21	4	Clairon.....from #20.....61 notes
22		Tremolo

PEDAL ORGAN

23	16	Bourdon ... 12 pipes, 20 from #3.32 notes
24		Blank.....(provide slide in console 1-32 inc.)
25	8	Gedeckt.....from #332 notes
26	8	Gemshornfrom #432 notes
27	4	Principal.....from #232 notes
28	4	Flutefrom #332 notes
29		Blank(provide slide in console 1-32 inc.)
30		Blank(provide slide in console 1-32 inc.)
31	8	Trompettefrom #2032 notes
32	4	Claironfrom #2032 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal (8 contacts, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (toggle type) with indicator light (red jewel)
and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack

Music rack light

Pedal light

GENERAL

All slides to be wired in a manner that will eliminate the need for rewiring(except for the use of jumper wires) for ultimate organ.

PIPE ANALYSIS

TOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
Principal	8 TC	73	60	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Pedest	8	80	Reg. Artiste Tapered Bass Reg. Artiste Treble			Wood Wood & S.M.	1-4 4-1/2" 5 up 3-1/2"
Shorn	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.))	1-12 4-1/2" 13 up 3-1/2"
Trumpette	8	61	2" CC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"
Bourdon	16	12	Reg. Manual Bourdon			Wood	4-1/2"

IMPORTANT

Voice at 4-1/2" & 5-1/2" for 7200 elevation