

AR SERIES ORGAN
 EARMARK FOR
 #11055, CHURCH OF THE RED ROCKS, SEDONA, ARIZONA
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

219
GENERAL

(1) ORGAN

Great Organ
 Swell Organ

Wood & Finish
 Action
 Wind Pressure
 Pitch

Exposed, Supply Enclosure
~~Exposed and divided, supply two enclosures~~
 Standard Design
 Organ layout will be supplied
 Rift Sawn Oak to customer's sample
 Electro-Pneumatic (unit type)
~~2-1/2"~~ *See Pipe Analysis*
 A-440 @ 70°F

(2) CONSOLE

Cabinet
 Wood & Finish
 Manual
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

Standard Design with roll top
 Rift Sawn Oak to customer's sample
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric

(3) BLOWER

Type
 Rating
 Current Specification
 Overall Size

Kinetic 2-22481
~~Meidinger 1004~~ - ~~2~~ HP - ~~1750~~ RPM - ~~8"~~ Outlet
~~550-500~~ c.f.m. @ ~~4"~~ *6"*
 1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
~~1'-9-1/4"~~ long x ~~1'-7-5/8"~~ wide x ~~1'-11-3/4"~~ high
1'-5" *2'-5 1/2"* *2'-5 1/2"*

(4) POWER UNIT (located in Swell Organ)

Rating
 Current Specifications
 Overall Size

DC Output - 10-15 Volts - 30 Amperes
 AC Input: 1 Ph - 60 Cy - ~~220~~ Volts - ~~5~~ Amperes
 14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GRBAT ORGAN (unenclosed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 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	Super Octave.....from #2...(repeat 5 top notes).....	61 notes
8	2	Flute.....from #1...(repeat 5 top notes).....	61 notes
9	II-III	Mixture.....	126 pipes
10		Chimes.....(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	73 pipes
13	8	Gemshorn.....	85 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzflöte.....from #12.....	61 notes
16	2	Spitzflöte.....from #12.....	61 notes
17	1-1/3	Larigot.....from #13...(repeat 7 top notes).....	61 notes
18	16	Contre Trompette.....	85 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18.....	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	Spitzflöte.....from #12.....	32 notes
28	III	Mixture.....from #7 & 9	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clairon.....from #18.....	32 notes

COUPLERS

32 Swell to Great

Pistons No. 1-2-3-4 *Adjustable Combinations* *Affecting Full Organ*

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

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

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack light

Pedal light

Transparent Music Rack

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALING	HALVING	MOUTH	METAL	WIND PRESSURE
							CCC to BBB Reg. Man. Bourdon Wood
				<u>GREAT ORGAN</u>			CC to BB Reg. Artiste Tapered Basses Wood
			XXX				TC up Reg. Art. Trebles Wood & S.M.
Bourdon	16	92	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				XXXXXXXXXXXX 3-1/2"
			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				XXXXXXXXXXXX 3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc, S.M.)	XXXXXXXXXXXX 3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote T.C.	8	73	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54	17-1/2	1/4	17 Zinc S.M.	3-1/2"
			C 66-1/3	17-1/2	1/4		
		#56	102-2/3	18-1/2	2/9		
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC	17-1/2	1/4	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	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 II-III MIXTURE FORMULA

19	22	12	12	15
22	19	19		
	22			
1-32	33-46	47-51	52-56	57-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

HWW/mx
9-16-74

IMPORTANT

73.9' and 3.0"
Voice at 3" Wind pressure for 4850 ft. elevation