

AR SERIES ORGAN
 EARMARK FOR
 #10956 CAPITOL AND PHOENIX WARDS, L.D.S., PHOENIX, ARIZONA
 SPECIFICATIONS FOR A SPECIAL 8 RANK SERIES 70 ORGAN

219

GENERAL

(1) ORGAN

Great Organ	Exposed - Supply enclosure
Swell Organ	Standard Series 70 Design
Wood & Finish	Organ layout will be supplied
Fabric	Rift Sawn Oak to customer's sample
Action	Mellotone
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	Offset 4-1/2", Trebles 3-1/2"
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Special Series 70 Design with roll top
Wood & Finish	Rift Sawn Oak to customer's sample
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

Type	Kinetic Style 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Rating	500 c.f.m. @ 4"
Current Specification	1 Ph 60 Cy 240 VOLTS 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (mounted in Blower Room)

Rating	DC Output: 10-15 Volts, 50 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 240 Volts - 9 Amperes
Overall Size	1' - 8-1/2" long x 10-3/4" x 7" high 11-1/2" 1' - 3-1/2" wide x 10-1/2" high

GREAT ORGAN (Exposed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #12.....	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	Mixture.....	122 pipes
10		Tremolo	

SWELL ORGAN (enclosed)

11	8	Rohrflote.....	73	pipes
12	8	Gemshorn.....	80	pipes
13	8	Gemshorn Celeste TC.....	49	pipes
14	4	Spitzprincipal.....	73	pipes
15	4	Rohrflote.....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	16	Contre Trompette.....	80	pipes
19	8	Trompette.....from #18.....	61	notes
20	4	Clairon.....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 #12.....	32	notes
26	4	Octave.....from #2.....	32	notes
27	III	Mixture.....from #7 and #9.....	32	notes
28	16	Contre Trompette.....from #18.....	32	notes
29	4	Clairon.....from #18.....	32	notes

COUPLERS

30	Great to Pedal
31	Swell to Pedal
32	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal, Swell Organ (8 stages, 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 electrical wiring

Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack light
 Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC 42	^{CC} 56 56	20-1/2	2/9	12 All Zinc S.M.) 1-12 4 1/2" 13 up 3 1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	12 All Zinc 13-17 Zinc & S.M. 13 up up S.M.	} 1-12 4 1/2" 13 up 3 1/2"
Mixture	II	122	See Formula Below			S.M.	3-1/2"
<u>SWELL ORGAN</u>							
Rohrflote	8	73	56	21-1/2	2/9	S.M. O.S. Chimneys 12 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54-1/3 #56 102-2/3	17-1/2 20-1/2	2/9 2/9	12 Zinc S.M.	3-1/2"
Gemshorn Celeste	8 TC	49	56-1/3 @ 8'	CC	17-1/2	1/5	S.M. 3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	S.M.	3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length D(F) Eschallots FF# & up Full length Zinc & S.M.			3-1/2"

GREAT II Mixture Formula

19	15	12
22	19	15
1-49	50-56	57-61

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