

AR SERIES ORGAN

EARMARK FOR

#10979, HAYWARD WARD & STAKE, CHURCH OF JESUS CHRIST OF LDS, HAYWARD, CALIF.
SPECIFICATIONS FOR A SPECIAL SERIES 70-8 ORGAN

2/11

GENERAL

(1) ORGAN

Great Organ
Swell Organ

Enclosed, Supply Special
Swell Box & Shades
Organ layout will be supplied

Action
Wind Pressure
Pitch

Electro-Pneumatic(unit type)
Offsets 4-1/2", Trebles 3-1/2"
A-440 @ 70°F

(2) CONSOLE

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

Standard
~~Special Series 70 Design with roll top~~
~~Walnut to customer's sample~~ *Rift SAWN OAK*
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
~~Draw Knobs~~ *Tilting Tablets*
All Electric

(3) BLOWER

Type
Rating
Current Specification
Overall Size

Kinetic 2-P-2116, 1/2 HP, 1750 RPM, 6" dia. outlet
~~Haidinger #1004, .7 HP, 3360 RPM~~
~~500 c.f.m. @ 4", 5-3/8" diam. outlet~~
~~3 Ph - 60 Cy - 208 Volts - 2.1 Amperes~~
~~1' - 9-1/4" x 1' - 7-5/8" x 1' - 11-3/4" high~~
~~2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high~~

(4) POWER UNIT (One Required)

Rating
Current Specifications
Overall Size

DC Output - 10-15 Volts - 30 Amperes
AC Input: 1 Ph - 60 Cy - 208 Volts - 5.5 Amperes
14-1/2" x 10-3/4" x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (encl)

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....	from #1.....61 notes
4	8	Gemshorn.....	from #13.....61 notes
5	4	Octav.....	from #2.....61 notes
6	4	Gedeckt.....	from #1.....61 notes
7	2	Flute.....	from #1.....61 notes
8	III-IV	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes.....	prepared for in console only
11		Tremolo	

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SWELL ORGAN

12	8	Spitzflöte.....	85 pipes
13	8	Genshorn.....	85 pipes
14	8	Genshorn 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	Contrebass.....12 pipes, 20 from #12.....	32 notes
23	16	Bourdon.....from #1.....	32 notes
24	8	Principal.....from #2.....	32 notes
25	8	Gedeckt.....from #1.....	32 notes
26	8	Genshorn.....from #13.....	32 notes
27	4	Octav.....from #2.....	32 notes
28	4	Spitzflöte.....from #12.....	32 notes
29	III	Mixture.....from #8.....	32 notes
30	16	Contre Trompette.....from #18.....	32 notes
31	8	Trompette.....from #18.....	32 notes
32	4	Trichter Regal.....from #8.....	32 notes

COUPLERS

32
Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, reverse system)
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 (~~type~~^{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

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC 56	20-1/2	2/9	Wood S.M.	1-16 4-1/2" 17up 3-1/2" 5-1/2"
Principal	8	73	CC 52 TC 60	18-1/2	1/4	12 Zinc S.M.	1-12 4-1/2" 13up 3-1/2" 5-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tubes, Funnel Top			D(F) Eschallots	3-1/2"

SWELL ORGAN

Spitzflote	8	85	48-2/3	19-1/2	2/9	12 Zinc SM)	1-12 4-1/2" 13 up 3-1/2"
Gemshorn	8	85	CC 54- 1 #56 102-2/3 C 66-1/3	17-1/2 20-1/2 18 17/12	2/9 1/4 2/9 1/4	17 12 Zinc S.M.	1-12 4-1/2" 13up 3-1/2" 5-1/2"
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC	17-1/2	1/5	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.	1-6 4-1/2" 7up 3-1/2"

PEDAL ORGAN

Contrebass	16	12	36-2/3	19-1/2	2/9	Zinc	4-1/2"
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GREAT III MIXTURE FORMULA

15	12	12	12	8
19	15	15	12	12
22	19	19	15	15
1-2	33-1/2	43-1/2	57-5/8	69-1/2
Unison	50 Sc.	18-1/2	1/4 mouth	S.M.
Quint	51 Sc.	18-1/2	1/4 mouth	S.M.