

AR SERIES ORGAN
 EARMARK FOR
 #11444, TRINITY LUTHERAN CHURCH, ALAMEDA, CALIFORNIA
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

1) ORGAN

Great Organ	Exposed - Provide enclosure
Swell Organ	Special Paneling and Grilles
	Organ layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
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 to customer's sample
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

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	460 c.f.m. @ 3-1/2" ¹¹⁵ ^{7.2}
Current Specifications	1 Ph - 60 Cy - 230 Volts - 2.6 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 115 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

* * * * *

CONSOLE AND ORGAN

GREAT ORGAN (exposed)

16	Bourdon-----	92 pipes
8	Principal-----	80 pipes
8	Gedeckt-----from #1-----	61 notes
8	Gemshorn-----from #13-----	61 notes
4	Octave -----from #2-----	61 notes
4	Gedeckt -----from #1-----	61 notes
2	Super Octave-----from #2--(repeat 5 top notes)-----	61 notes
2	Flute -----from #1--(repeat 5 top notes)-----	61 notes
II-III	Mixture -----	126 pipes
	Chimes-----prepared for in console only	
	Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte-----	(low octave from #13)-----	73 pipes
13	8	Gemshorn -----		85 pipes
14	4	Spitzflöte -----	from #12 -----	61 notes
15	2	Spitzflöte -----	from #12-----	61 notes
16	1-1/3	Larigot -----	from #13--(repeat 7 top notes)-----	61 notes
17	16	Contre Trompette -----		85 pipes
18	8	Trompette -----	from #17 -----	61 notes
19	4	Clairon -----	from #17 -----	61 notes
20		Blank Tremolo		

PEDAL ORGAN

21	16	Bourdon -----	from #1-----	32 notes
22	8	Principal -----	from #2-----	32 notes
23	8	Gedeckt -----	from #1 -----	32 notes
24	8	Gemshorn -----	from #13 -----	32 notes
25	4	Octave -----	from #2 -----	32 notes
26	4	Spitzflöte -----	from #14 -----	32 notes
27	III	Mixture -----	from #7 & 9 -----	32 notes
28	16	Contre Trompette -----	from #17-----	32 notes
29	8	Trompette -----	from #17-----	32 notes
30	4	Clairon -----	from #17 -----	32 notes

COUPLERS

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

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

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
------	-------	-------	-------	---------	-------	-------	---------------

GREAT ORGAN

Bourdon	16	92	CCC to BBB CC 56	Reg. Manual 21-1/2	Bourdon 2/9	Wood) 17 Zinc C.M.)	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote TC	8	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Contre Trompette	16	85	3" CCC to FF half length FF# up full length D(F) Eschallots	Zinc & S.M.			3-1/2"

* * * * *

GREAT II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
1-37	38-49	50-53	54-56	57-61
Unison 47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint 49 Sc.	17-1/2	1/4 mouth	S.M.	