

AR SERIES ORGAN
 EARMARK FOR
 SPECIFICATIONS FOR A SERIES 70-98 ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ
 Swell Organ

Wood & Finish
 Action
 Wind Pressure
 Pitch

Standard Design without grilles
 Standard Design without grilles
 Layout will be supplied
 Silvite Charcoal Brown
 Electro-Pneumatic
 See Pipe Analysis
 A-440 @ 70°F

(2) CONSOLE

Cabinet
 Wood & Finish Birch & Walnut -
 Manuals
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

See Drawing ~~29-25-2~~ 29-38-1
 To customer's paint and stain samples
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric

(3) BLOWER (located in blower space)

Type
 Rating
 Current Specification
 Overall Size

2-P-2116 - 1/2 HP - 1750 RPM
 500 c.f.m. @ 4" - 6" outlet
 1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
 2'-5-3/4" x 1' - 10-3/8" x 2'-6-1/4"

(4) POWER UNIT (located in console)

Rating
 Current Specification
 Overall Size

DC Output - 10-15 Volts - 30 Amperes
 AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
 14-1/2" x 10-3/4" x 7" high

CONSOLE AND ORGANGREAT ORGAN (Enclosed)

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	Octave.....from #2.....	61 notes
6	4	Gedecktfrom #1.....	61 notes
7	2	Flutefrom #1.....	61 notes
8	III-IV	Mixture	183 pipes

SWELL ORGAN (Enclosed)

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn	80 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzprincipal	73 pipes
16	4	Rohrflötefrom #12.....	61 notes
17	2	Spitzoctavefrom #15.....	61 notes
18	1-1/3	Larigotfrom #13...repeat 12 top notes.....	61 notes
19	16	Contre Trompette.....	80 pipes
20	8	Trompettefrom #19	61 notes
21	4	Claironfrom #19 ...repeat 5 top notes.....	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Bourdon.....from #1	32 notes
24	8	Principalfrom #2	32 notes
25	8	Gedecktfrom #1	32 notes
26	8	Gemshorn.....from #13	32 notes
27	4	Octave.....from #1	32 notes
28	4	Rohrflöte.....from #12	32 notes
29	111	Mixturefrom #8	32 notes
30	16	Contre Trompettefrom #19	32 notes
31	8	Trompettefrom #19	32 notes
32	4	Claironfrom #19	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5

Affecting Full Organ

General Cancel

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 (lock type) with indicator light (red jewel)

Concave, radiating pedal clavier

Organ bench with music shelf

Music rack

Music rack light

Pedal light

Adjustable Bench blocks

Narthex signal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Taper Bass TC up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	3-1/2"
Principal	8	73	18 CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Sesquialtera TC	II	98	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys 19-62 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2	2/9	17 Zinc S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/3 @ 8' CC	17-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc C.M.	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
1-37	38-49	50-54	55-56	57-61
Unison 47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint 49 Sc.	17-1/2	1/4 mouth	S.M.	

GREAT II SESQUIALTERA TC FORMULA

	12	12	
	17	15	
	13-56	57-61	
2-2/3	68-3/4	18-1/2	2/9 mouth S.M.
2	74	18-1/2	2/9 mouth S.M.
1-3/5	75-2/3	18-1/2	1/5 mouth S.M.