

AR SERIES ORGAN
 EARMARK FOR
 #11520, HOLY FAMILY CATHOLIC CHURCH, MARIETTA, GEORGIA
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/14/4

GENERAL

(1) ORGAN

Organ

Exposed - special cabinet
 Layout will be provided
 Rift Sawn Oak to customer's sample
 Electro-Pneumatic
 See Pipe Analysis
 A-440 @ 70°F

Wood & Finish
 Action
 Wind Pressure
 Pitch

(2) CONSOLE

Cabinet
 Wood & Finish
 Manuals
 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 (located in organ area)

Type
 Wind
 Current Specification
 Overall Size

Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
 540 c.f.m. @ 4"
 1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
 2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating
 Current Specifications
 Overall Size

DC Output: 10-15 Volts, 30 Amperes
 AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
 1' - 2-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bordun -----	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	Flöte -----from #1-----	61 notes
8	II	Sesquialtera TC -----	98 pipes
9	III-IV	Mixtur -----	183 pipes
10		Trompette -----from #19-----	61 notes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal -----	73 pipes
16	4	Rohrflöte-----from #12-----	61 notes
17	2	Spitzoctav -----from #15-----	61 notes
18	1-1/3	Quint-----from #13--(repeat 12 top notes)-----	61 notes
19	16	Contre Trompette-----	80 pipes
20	8	Trompette-----from #19 -----	61 notes
21	4	Clairon-----from #19--(repeat 5 top notes)-----	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Principal-----	56 pipes
24	16	Bordun -----from #1 -----	32 notes
25	8	Octav -----from #23 -----	32 notes
26	8	Gedeckt -----from #1 -----	32 notes
27	8	Gemshorn -----from #13-----	32 notes
28	4	Super Octav -----from #23 -----	32 notes
29	4	Rohrflöte -----from #12 -----	32 notes
30	III	Mixtur -----from #9 -----	32 notes
31	16	Contre Trompette ----from #19 -----	32 notes
32	8	Trompette -----from #19 -----	32 notes
33	4	Clairon -----from #19 -----	32 notes

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor 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	97	CCC to BBB Reg. Manual CC 56	21-1/2	Bourdon 2/9	Wood) 17 Zinc C.M.)	3-1/2"
Principal	8	73	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera	II TC	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 C.M.	3-1/2"
Gemshorn	8	80	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"
Gemshorn Celeste	8 TC	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	56	33/44/57	17-1/2	1/4	29 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	10
17	12

13-56	57-61
-------	-------

2-2/3	74 Sc.	@ 13	17-1/2	2/9 mouth	S.M. (Pull in 6 scales between 50-61)
1-3/5	82 Sc.	@ 13	17-1/2	1/5 mouth	S.M. (Pull in 6 scales between 45-56, break at 57)