

AR SERIES ORGAN

EARMARK FOR

REVISED#11270 CALVARY BAPTIST CHURCH, BRADENTON, FLORIDA
SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ
Swell Organ

Exposed - supply enclosure

Standard design

Layout will be supplied

Wood & Finish

Rift Sawn Oak to ~~customer's sample~~ M-4150-2

Action

Electro-Pneumatic

Wind Pressure

See Pipe Analysis

Pitch

A-440 @ 70°F

(2) CONSOLE

Cabinet

Standard design

Wood & Finish

Rift Sawn Oak to ~~customer's sample~~ M-4150-2

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 (Located in blower room)

Type

2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet

Wind

400 C.F.M. @ 4"

Current Specification

1 Ph - 60 Cy - 120 Volts - 7.2 Amperes

Overall Size

2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console)

Rating

DC Output - 10-15 Volts - 30 Amperes

Current Specification

AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes

Overall Size

14-1/2" x 10-3/4" x 7" high

CONSOLE AND ORGANGREAT ORGAN (Exposed)

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	Gedeckt-----from #1-----	61 notes
7	2	Flute -----from #1-----	61 notes
8	II	Sesquialtera T.C. not there 2' octave borrow	98 pipes
9	III-IV	Mixture-----	183 pipes
10		Chimes-----	
11		Tremolo-----	

Mayland tubes and electric action with canopy, relay, transformer and volume control, A to F, #22 to #42...21 tubes

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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	Spitzoctave-----from #15-----	61 notes
18	1-1/3	Larigot-----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-----12 pipes, 20 from #2-----	32 notes
24	16	Bourdon-----from #1-----	32 notes
25	8	Principal-----from #2-----	32 notes
26	8	Cedeckt -----from #1-----	32 notes
27	8	Gemshorn -----from #13 -----	32 notes
28	4	Octave -----from #2-----	32 notes
29	III	Mixture -----from #9 -----	32 notes
30	16	Contre Trompette--from #19 -----	32 notes
31	8	Trompette -----from #19 -----	32 notes
32	4	Clairon-----from #19 -----	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ (*duplicated by the levers*)

PEDAL MOVEMENTS

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 (amber jewel) and related electrical wiring.
Concave, radiating pedal keyboard.
Organ bench with music shelf
Music rack
Music rack light
Pedal light

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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 Tapered Bass TC 68	20-1/2	2/9	Wood) Wood) 5 Zinc S.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	2-1/2" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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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
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Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

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GREAT II SESQUIALTERA TC MIXTURE FORMULA

12	10
17	12
13-56	57-61

2-2/3	74	Sc. @ 13	17-1/2	2/9	mouth	S.M.
1-3/5	82	Sc. @ 13	17-1/2	1/5	mouth	S.M.

Pull in scales between 45 & 56

HWW/mr

9/1/77

Revised and retyped 6-20-78