

AR SERIES ORGANS
EARMARK FOR
#11277 CALVARY CHRISTIAN CHURCH, MARTINSVILLE, VIRGINIA
SPECIFICATIONS OF SERIES 70-4 ORGAN

24

GENERAL

(1) ORGAN

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak, M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak, 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 behind organ cabinet)

Type	2-P-1716 - 1/2 HP - 1750 RPM - 4" outlet
Wind	220 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 3-1/2" x 1' - 8" x 2' - 1-1/8" high

(4) POWER UNIT (located in console)

Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

GREAT ORGAN

1	8	Principal-----	#1-12 from #2, #3, #5-----	73 pipes
2	8	Gedeckt-----		80 pipes
3	8	Gemshorn -----		80 pipes
4	4	Octave-----	from #1 -----	61 notes
5	4	Flute -----	from #2 -----	61 notes
6	2	Super Octave-----	from #1 -----	61 notes
7	8	Trompette -----	from #15 -----	61 notes
8		Chimes -----	Mayland tubes and electric actions, relay, transformer & volume control unit, A-#22 to F-#42 -----	21 tubes

SWELL ORGAN

9	8	Gedeckt -----	from #2-----	61 notes
10	8	Gemshorn-----	from #3-----	61 notes
11	4	Flute -----	from #2 -----	61 notes
12	4	Gemshorn-----	from #3 -----	61 notes
13	2	Flute -----	from #2--(repeat 5 top notes) -----	61 notes
14	1-1/3	Larigot -----	from #3--(repeat 12 top notes)-----	61 notes
15	8	Trompette-----		61 pipes
16	4	Clairon -----	from #15--(12 top notes from #1)-----	61 notes
17		Tremolo		

PEDAL ORGAN

18	16	Bourdon-----	12 pipes; 20 from #2 -----	32 notes
19	8	Gedeckt-----	from #2 -----	32 notes
20	8	Gemshorn -----	from #3 -----	32 notes
21	4	Principal -----	from #1 -----	32 notes
22	4	Flute -----	from #2 -----	32 notes
23	8	Trompette -----	from #15 -----	32 notes
24	4	Clairon -----	from #15 -----	32 notes

COUPLER

25 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal (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 and radiating pedal keyboard

Organ bench with music shelf

Music rack

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
Principal	8 TC	73	60	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Gedeckt	8	80	Reg. Artiste Tapered Bass Reg. Artiste Treble 68	20 1/2	2/9	Wood) Wood & S.M.) 5 Zinc S.M.	1-4 4-1/2" 5 up 3-1/2"
Gemshorn	8	80	CC 56 C 66-1/3 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6) 17 Zinc S.M.))	1-12 4-1/2" 13 up 3-1/2"
Trompette	8	61	2" CC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"
Bourdon	16	12	Reg. Manual Bourdon			Wood	4-1/2"