

AR SERIES ORGAN
 EARMARK FOR
 #11509 FIRST BAPTIST CHURCH, TOLEDO, OHIO
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ	Exposed - provide enclosure
Swell Organ	
Wood & Finish	Rift Sawn Oak to customer's sample
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
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 space)

Type	Kinetic 2-P-2116 - ^{3/4} HP - 1750 RPM - 6" outlet
Wind	520 c.f.m. @ 4"
Current Specifications	3 Ph - 60 Cy - 208 Volts - 2.6 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 Specifications	AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	1' - 2-1/2" x 10-3/4" x 7"

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----	97 pipes
2	8	Principal -----	73 pipes
3	8	Gedeckt -----from #1-----	61 notes
4	8	Viole de Gambe ----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 TC -----	98 pipes
9	III-IV	Mixture-----	183 pipes
10		Chimes----Mayland tubes, and electric actions, relay, transformer and volume control A to F - #22 to #42-----	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote -----	73 pipes
13	8	Viole de Gambe-----	80 pipes
* 14	8	Viole Celeste TC -----	49 pipes
15	4	Spitzprincipal -----	73 pipes
16	4	Rohrflote -----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	32	Quinted Bass-----from #1--(1-12 as 10-2/3') -----	32 notes
24	16	Principal -----12 pipes, 20 from #2 -----	32 notes
25	16	Bourdon -----from #1 -----	32 notes
26	8	Principal -----from #2 -----	32 notes
27	8	Gedeckt -----from #1 -----	32 notes
28	8	Viole de Gamba ----from #13 -----	32 notes
29	4	Octave -----from #2 -----	32 notes
30	4	Rohrflote-----from #12 -----	32 notes
31	III	Mixture -----from #9 -----	32 notes
32	16	Contre Trompette---from #19 -----	32 notes
33	8	Trompette -----from #19 -----	32 notes
34	4	Clairon -----from #19 -----	32 notes

COUPLER

35 Swell to Great

ADJUSTABLE COMBINATIONSPistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTSBalanced Expression Pedal - Swell Organ (8 contacts, make to close)
Balanced Crescendo Pedal with indicator light (green jewel)ACCESSORIESMotor and power unit on-off switch (lock 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

*Two signal lights with white jewels**Two signal buttons*

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	COC to BBB Reg. Manual Bourdon			Wood)	3-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood)	3-1/2"
			TC 68 CC 56	21-1/2	2/9	17# Zinc C.M.)	3-1/2"
Principal	8	73	46	18-1/2	1/4	20# 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"
Viole de Gambe	8	80	CC 56	19-1/2	2/9		
			C 68-1/2	19-1/2	2/9	17 Zinc S.M.	3-1/2"
		#56	98	17-1/2	1/6		
Viole 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" COC to FF half length FF# up full length			D(F) Esch. Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	Reg. C.B.			Wood	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.

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