

AR SERIES ORGAN
 EARMARK FOR
 #11115, HAMPTON PARK CHRISTIAN CHURCH, TOLEDO, OHIO
 SPECIFICATIONS OF AN 8 RANK SERIES 70 ORGAN

2/12

GENERAL

(1) ORGAN

Great Organ	Chamber Installation
Swell Organ	Chamber Installation
Action	Organ layout will be supplied
Wind Pressure	Electro-Pneumatic
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design, <i>revised</i>
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 *room* enclosure)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Rating	500 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/2" high

(4) POWER UNIT (located in console)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	97 pipes
2	8	Principal	73 pipes
3	8	Gedecktfrom #1.....	61 notes
4	8	Gemshornfrom #13.....	61 notes
5	4	Octavefrom #2	61 notes
6	4	Gedeckt.....from #1	61 notes
7	2	Flutefrom #1..(repeat 5 top notes).....	61 notes
8	II	Sesquialtera TC.....	98 pipes
9	III-IV	Mixture	183 pipes
10		Chimes.....present Deagan "M" tubes, new electric actions, relay, transformer & volume control G-#20 to G-#44.....	25 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte(low octave from #13).....	73 pipes
13	8	Gemshorn	85 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzflötefrom #12	61 notes
16	2	Spitzflötefrom #12	61 notes
17	1-1/3	Larigot.....from #13..(repeat 7 top notes).....	61 notes
18	16	Contre Trompette.....	85 pipes
19	8	Trompettefrom #18	61 notes
20	4	Claironfrom #18	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdonfrom #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedecktfrom #1.....	32 notes
25	8	Gemshornfrom #13.....	32 notes
26	4	Octavefrom #2.....	32 notes
27	4	Spitzflöte.....from #12.....	32 notes
28	III	Mixturefrom #7 & 9	32 notes
29	16	Contre Trompettefrom #18.....	32 notes
30	8	Trompettefrom #18.....	32 notes
31	4	Claironfrom #18.....	32 notes
32		Chimesfrom #10.....	25 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

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)
 and related wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack light
 Pedal light

STOP	PITCH	PIPES	PIPE ANALYSIS		MOUTH	METAL	WIND PRESSURE
			SCALE	HALVING			

GREAT ORGAN

Bourdon	16	92 ⁹⁷	CCC to BBB Reg. Manual Bourdon.			Wood	) 1-16	4-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood	) 17 up	3-1/2"
			C & up Reg. Artiste Treble			Wood & S.M.)		
Principal	8	80	CC 52	TC 60	18-1/2	1/4	17 Zinc S.M.)	1-12 4-1/2"
							) 13 up	3-1/2"
Sesquialtera	II TC	98	See Formula Below					3-1/2"
Mixture	III-IV	193	See Formula Below					3-1/2"

SWELL ORGAN

Spitzflote T.C	8	73	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54	17-1/2			
			C 66-1/3	17-1/2			
			#56 102-2/3	18-1/2	2/9	17 Zinc S.M.	3-1/2"
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC	17-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	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 15	¹² 15
	19	15	15	15	15
	22	19	19	15	
		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	75-1/2	18-1/2	1/5 mouth	S.M.