

AR SERIES ORGAN
 EARMARK FOR
 #11499, NEW JERUSALEM LUTHERAN CHURCH, HICKORY, NORTH CAROLINA
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

249

GENERAL

(1) ORGAN

Great Organ	Standard design
Swell Organ	Standard design
Wood & Finish	Organ cabinets: White Charcoal Brown
Action	Organ grilles: Rift Sawn Oak to customer's sample
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	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

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	360 c.f.m. @ 3-1/2"
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

(3) 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	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon-----	-----92 pipes
2	8	Principal -----	-----80 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	Super Octave -----	-----from #2--(repeat 5 top notes)-----61 notes
8	2	Flute -----	-----from #1--(repeat 5 top notes)-----61 notes
9	III-IV	Mixture-----	-----183 pipes
10		Chimes -----	-----Mayland tubes & electric action, relay, transformer
11		Tremolo -----	-----and volume control, A to F, #22 to 42 -----21 tubes

SWELL ORGAN (Enclosed)

12	8	Spitzflöte-----	(low octave from #13)-----	68 pipes
13	8	Genshorn -----		85 pipes
14	4	Spitzflöte -----	from #12-----	61 notes
15	2	Spitzflöte -----	from #12--(repeat 5 top notes)-----	61 notes
16	1-1/3	Larigot -----	from #13--(repeat 7 top notes)-----	61 notes
17	16	Contre Trompette -----		80 pipes
18	8	Trompette-----	from #17-----	61 notes
19	4	Clairon-----	from #17--(repeat 5 top notes)-----	61 notes
20		Blank Tremolo		

PEDAL ORGAN

21	16	Bourdon-----	from #1-----	32 notes
22	8	Principal -----	from #2-----	32 notes
23	8	Gedeckt -----	from #1 -----	32 notes
24	8	Genshorn -----	from #13 -----	32 notes
25	4	Octave -----	from #2 -----	32 notes
26	4	Spitzflöte-----	from #14 -----	32 notes
27	III	Mixture -----	from #9 -----	32 notes
28	16	Contre Trompette -----	from #17 -----	32 notes
29	8	Trompette -----	from #17 -----	32 notes
30	4	Clairon-----	from #17 -----	32 notes

COUPLERS

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

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 (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

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC 68	21-1/2	2/9	5 Zinc C.M.) Wood) 1-16 4-1/2" Wood) 17 up 3-1/2"	
Principal	8	80	CC 52 TC 60	18-1/2	1/4	19 Zinc S.M.	1-12 4-1/2" 13 up 3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote TC	8	68	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	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"
Contre Trompette	16	80	3' 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	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.	