

AR SERIES ORGAN
 EARMARK FOR
 #11079, JOHNSTON UNITED METHODIST CHURCH, JOHNSTON, S. C.
 SPECIFICATIONS FOR A ~~LOW~~ SERIES 70-6 ORGAN

218

GENERAL

(1) ORGAN

Great Organ	Chamber Installation
Swell Organ	Standard fir plywood cabinet without grille.
	Layout will be supplied
Wood & Finish	Dull Charcoal Brown
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 to customer's sample
Manual	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 ~~(two (2) required, located in organ space)~~

Type
 Rating
 Current Specifications
 Overall Size

2-P. 2 1/6 - 1/2 H.P. - 1750 R.P.M. - 6" Outlet
~~Holding 1002 - 4 HP - 3500 R.P.M.~~
500 c.f.m. @ 4" - 1/2" outlet
 1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
~~11" x 6-7/8" long x 11" - 6-7/8" wide x 11" - 10 1/4"~~
2' - 5 3/4" long x 1' - 10 3/8" x 2' - 6 1/2" high

(4) POWER UNIT (located in console cabinet)

Rating
 Current Specifications
 Overall Size

DC Output - 10-15 Volts - 30 Amperes
 AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
 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	Gemshornfrom #13.....	61 notes
5	4	Octave.....from #2	61 notes
6	4	Gedecktfrom #1	61 notes
7	2	Super Octave.....from #2..(repeats 5 top notes).....	61 notes
8	2	Flutefrom #1..(repeats 5 top notes).....	61 notes
9	11-111	Mixture.....	126 pipes
10		Chimes.....(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn.....	85 pipes
14	4	Spitzflöte.....from #12.....	61 notes
15	2	Spitzflötefrom #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	Trompettefrom #5 ¹⁷	61 notes
19	4	Clarion.....from #19 ¹⁷ repeat 5 top notes).....	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdonfrom #1.....	32 notes
22	8	Principalfrom #2	32 notes
23	8	Gedeckt.....from #1	32 notes
24	8	Gemshorn.....from #13.....	32 notes
25	4	Octavefrom #2.....	32 notes
26	4	Spitzflöte.....from #12.....	32 notes
27	111	Mixture.....from #7 & 9.....	32 notes
28	16	Contre Trompette.....from #16 ¹⁷	32 notes
29	8	Trompette.....from #18 ¹⁷	32 notes
30	4	Clarionfrom #19 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, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor 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

PIPE ANALYSIS

P	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Artiste Tapered Bass			Wood)	3-1/2"
			TC up Reg. Artiste Treble			Wood & S.M.)	
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	11-111	126	See Formula Below				3-1/2"

SWELL ORGAN

Bass Flute T.C.	8	68	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Shorn	8	85	CC 54	17-1/2			
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	3-1/2"
			#56 102-2/3	18-1/2			
Centre Trompette	16	80	2-1/2" CCC to FF half length				
			FF# up full length				
			D(F) Eschallots			Zinc & S.M.	3-1/2"

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GREAT 11-111 MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
	1-32	33-46	47-51	52-56	57-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	