

AR SERIES ORGAN
 EARMARK FOR
 #10983 FOX HILL CENTRAL UNITED METHODIST CHURCH, HAMPTON, VA.
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/11
GENERAL

(1) ORGAN

Cabinets	Two (2) Standard Series 70 Design Elevated on platform. Layout will be supplied.
Casing	Display pipes and panelling around platform.
Wood & Finish	Rift Sawn Oak to color block M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 Design
Wood & Finish	Rift Sawn Oak to Color Block #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 under organ)

Type	Kinetic Style 2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located under organ)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 208 Volts - 5 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (enclosed)

1	16	Bourdon	97 pipes
2	8	Principal	73 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	Flute	from #1 61 notes
8	III	Mixture	183 pipes
9	4	Trichter Regal	61 pipes
10		Chimes	Mayland tubes and electric actions, relay transformer and volume control A - #22 to F - #42.....21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	8	Gemshorn 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	16	Bourdon.....from #1.....	32 notes
24	8	Principal.....from #2.....	32 notes
25	8	Gedeckt.....from #1.....	32 notes
26	8	Gemshorn.....from #13.....	32 notes
27	4	Octav.....from #2.....	32 notes
28	4	Rohrflote.....from #12.....	32 notes
29	III	Mixture.....from #8	32 notes
30	16	Contre Trompette...from #19.....	32 notes
31	8	Trompette.....from #19.....	32 notes
32	4	Trichter Regal.....from #9	32 notes

COUPLERS

33 Swell to Great (not affecting Gemshorn Celeste TC)

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6
General Cancel

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

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered TC Reg. Artiste Trebles			Wood) Bass Wood) Wood, SM)	1-16 4-1/2" 17 up 3-1/2"
Principal	8	73	CC 52 TC 60 18-1/2	1/4		12 Zinc S.M.) 13-17 Zinc & S.M.) 18 up S.M.)	1-12 4-1/2" 13 up 3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tube, Funnel Top			D(F) Eschallots	3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys 12 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54-1/3 #56 102-2/3	17-1/2 20-1/2	2/9 2/9	12 Zinc S.M.))	3-1/2"
Gemshorn Celeste TC	8	49	56-1/3	17-1/2	1/5	S.M.	3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	S.M.	3-1/2"
Contre 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 III MIXTURE FORMULA

15	12	8
19	15	12
22	19	15
<u>1-42</u>	<u>43-48</u>	<u>49-61</u>

Unison	50 Sc.	18-1/2	1/4 mouth	S.M.
Quint	51 Sc.	18-1/2	1/4 mouth	S.M.