

989

File

AR SERIES ORGAN
 EARMARK FOR
 10989, WESTMINSTER UNITED PRESBYTERIAN CHURCH, ST. PETERSBURG, FLA.
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/12

GENERAL

(1) ORGAN

Cabinets	Great exposed, provide special double decked cabinet.
Casing	Organ layout will be supplied.
Wood & Finish	<i>Birch</i> Rift Sawn Oak to customer's sample
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	<i>Birch</i> Rift Sawn Oak to customer's sample
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	OCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located within organ)

Type	Meidinger 1004 - .7 HP - 3360 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	1' - 9-1/4" x 1' - 7-5/8" x 1' - 11-3/4"

(4) POWER UNIT (located under organ)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 240 Volts - 5 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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	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	II	Sesquialtera TC.....	98 pipes
10		Chimes....present Deagan ^D tubes and electric actions, new 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	Clairon.....from #19.....	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 - 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

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>	
<u>GREAT ORGAN</u>								
Bourdon	16	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"	
			TC Reg. Artiste Trebles			Wood, SM)		
			<i>CC up 56 20-1/2</i>	<i>2/9</i>	<i>17</i>	<i>Zinc, S.M.)</i>		
Principal	8	73	CC 52 TC 60	18-1/2	1/4	12 Zinc S.M.)	1-12 4-1/2"	
						13-17 Zinc & S.M.)	18 up 3-1/2"	
						18 up S.M.)		
Mixture	III	183	See Formula Below					3-1/2"
Sesquialtera TC	II	98	See Formula Below					3-1/2"
<u>SWELL ORGAN</u>								
Rohrflote	8	73	56	21-1/2	2/9	Sm O.S. Chimneys Zinc S.M. <i>18</i>	3-1/2"	
Genshorn	8	80	CC 54-1/3	17-1/2	2/9	12 Zinc S.M.)		
			#56 102-2/3	20-1/2	2/9)	3-1/2"	
Genshorn 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"	

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.

GREAT II SESQUIALTERA TC FORMULA

12	12
17	15
<u>13-52</u>	<u>53-61</u>

2-2/3	68-2/3	20-1/2	2/9 mouth	SM
2	74	20-1/2	2/9 mouth	SM
1-3/5	75-1/2	20-1/2	1/5 mouth	SM