

AR SERIES ARTISTE ORGANS

File

EARMARK FOR

#10044 ST. LUKE METHODIST CHURCH, CHATTANOOGA, TENN.

SPECIFICATIONS OF EIGHT RANK ARTISTE ORGAN

GENERAL

- (1) ORGAN
 - Chamber Installation Unit I & II Standard Cabinets
4'-3" x 8'-0" x 8'-0" high to be installed
in chamber according to organ layout to be
supplied.
 - Wood & Finish Mahogany #M711A
 - Action Electro-Pneumatic (unit type)
 - Wind Pressure Offsets 4-1/2"; Trebles 3-3/4"
 - Pitch A-440 @ 70° F

- (2) CONSOLE
 - Cabinet Standard Design 1'-9" x 4'-10-1/2" x 3'-9-7/8" high
 - Wood & Finish Mahogany #M711A
 - 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 Style 2-P-2117 - 3/4 HP - 1750 RPM
 - Rating 650 cfm @ 4" - 8" outlet
 - Current Specification 1 Ph- 60 Cy- 110 Volt- 10.4 Amp.
 - Overall Size 1'-11" x 2'-8" x 2'-6" high
 - Blower Reservoir 2'-6" x 2'-6"

- (4) POWER UNIT (mounted within console cabinet)
 - Type DC Organ Power Unit (all voltage)
 - Rating DC Output: 10 to 15 Volts - 15 Amperes
 - Current Specification AC Input: 1 Ph- 60 Cy- 110 Volts- 6 Amp.
 - Overall Size 1'-11" x 1'-5" x 8-1/2" high

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	92 Pipes
2	8	Diapason.....	73 Pipes
3	8	Gedeckt.....from #1.....	61 Notes
4	8	Dulciana.....(#1 to #12 incl. from #1).....	49 Pipes
5	4	Octave.....from #2.....	61 Notes
6	4	Gedeckt.....from #1.....	61 Notes
7	2	Flute.....from #1 (repeat 5 top notes).....	61 Notes
8	II	Grave Mixture.....	122 Pipes
9		Chimes.....(prepared for in console only).....	61 Notes
10		Tremolo	C to C, #1 - 61 incl., 61 notes

SWELL ORGAN

11	8	Viole de Gambe.....	73	Pipes
12	8	Viole Celeste TC.....	49	Pipes
13	4	Nachthorn.....	73	Pipes
14	4	Gambe.....from #11.....	61	Notes
15	2	Nachthorn.....from #13.....	61	Notes
16	16	Trompette.....	85	Pipes
17	8	Trompette.....from #16.....	61	Notes
18	4	Trompette.....from #16.....	61	Notes
19		Tremolo		

PEDAL ORGAN

20	16	Bourdon.....from #1.....	32	Notes
21	8	Diapason.....from #2.....	32	Notes
22	8	Gedeckt.....from #1.....	32	Notes
23	8	Viole de Gambe.....from #11.....	32	Notes
24	4	Octave.....from #2.....	32	Notes
25	4	Nachthorn.....from #13.....	32	Notes
26	II	Grave Mixture.....from #8.....	32	Notes
27	16	Trompette.....from #16.....	32	Notes
28	8	Trompette.....from #16.....	32	Notes
29	4	Trompette.....from #16.....	32	Notes

COUPLERS

30 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1- Balanced Expression Pedal - Great Organ (8 stages)
- 2- Balanced Expression Pedal - Swell Organ (8 stages)
- 3- 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 electrical wiring.

Rigid music rack.

Organ bench with music shelf.

Concave and radiating pedal keyboard.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Regular Manual Bourdon			Wood)	
			CC to BB Special Artiste Bourdon			Wood)	1-14 4-1/2"
			TC Portable Bourdon Hardwood fronts			Wood)	15 up 3-3/4"
			#74 110	17-1/2	1/5	CM)	
Diapason	8	73	CC 52 TC 60	17-1/2	1/4	17 Zinc CM)	1-14 4-1/2" 15 up 3-3/4"
Dulciana TC	8	49	56	17-1/2	1/5	5 Zinc SM)	13 & 14 4-1/2" 15 up 3-3/4"
Grave Mixture	II	122	See Formula Below			SM)	3-3/4"

SWELL ORGAN

Viola de Gambe	8	73	54	18-1/2	2/9	17 Zinc SM)	1-14 4-1/2" 15 up 3-3/4"
Viola Celeste TC	8	49	56	18-1/2	1/5	5 Zinc SM)	3-3/4"
Nachthorn	4	73	62	20-1/2	1/6	5 Zinc SM)	1 & 2 4-1/2" 3 up 3-3/4"
Trompette	16	85	2-1/2"	CCC to FF half length)	1-14 4-1/2"
				FF# up full length)	15 up 3-3/4"
				D(F) Eschallots		Zinc SM)	

GREAT II GRAVE MIXTURE FORMULA

19	15	12
22	19	15
1-42	43-54	55-61

Unison	50 Sc	17-1/2	1/4 mouth
Quint	51 Sc	17-1/2	1/4 mouth

7/24/64
 Revised 8/20/64
 RHM/bf