

File

AR SERIES ARTISTE ORGANS
EARMARK FOR
#10872 SECOND CHURCH OF CHRIST, SCIENTIST, KANSAS CITY, MISSOURI

2/11
SPECIFICATION OF SERIES 709 ARTISTE ORGAN

GENERAL

(1) ORGAN

Cabinets

Special Series 700 model cabinets with unenclosed and exposed Pedal 16 Quintaton installed between cabinets. ~~Removable grilles and shades.~~ Layout will be supplied.

Wood & Finish
Action
Wind Pressure
Pitch

~~Rift Sawn Oak~~ to color block ^{submitted} to be supplied.
Electro-Pneumatic (unit type)
3-1/2"
A-440 @ 70°F

(2) CONSOLE

Cabinet
Wood & Finish
Manuals
Manual Compass
Pedal Compass
Stop Controls
Action

Standard Series 700 design ^{submitted}
~~Rift Sawn Oak~~ to color block ~~to be supplied~~
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

(3) BLOWER

Type
Rating
Current Specification
Overall Size

Meidinger #1004 - .8 HP - 3360 RPM
~~Kinetic Style 2-P-3117 - 3/4 HP - 1730 RPM~~
500 ~~500~~ c.f.m. @ 4" - ~~8"~~ ^{5"} outlet 5-5/8" diam. outlet
1 Ph - 60 ~~Hz~~ ^{Cy} - 115 Volts - ~~7 1/2~~ ⁷ Amperes
~~1'-11" x 2'-8" x 2'-6" high~~
1' - 7-5/8" x 1' - 9-1/4" x 1' - 11-7/8" high

(4) POWER UNIT (^{*in Flower Room*} mounted ~~within organ space~~)

Type
Rating
Current Specifications
Overall Size

Durst Organ Power Unit (all voltage)
DC Output: 10 to 15 Volts - 30 Amperes
AC Input: 1 Ph - 60 Cy - 110 Volts - 6 Amperes
17" long x 11" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN

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	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flutefrom #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes.....(prepared for in console only).....	25 notes
11		Tremolo	

SWELL ORGAN

12	8	Spitzflöte..(low octave from #13).....	73 pipes
13	8	Gemshorn.....	85 pipes
14	8	Gemshorn Celeste TC.....	49 pipes
15	4	Spitzflöte.....from #12.....	61 notes
16	2	Spitzflöte.....from #12.....	61 notes
17	1-1/3	Larigot.....from #13 (repeat 7 top notes).....	61 notes
18	16	Contre Trompette.....	85 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18.....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	* 16	Quintaton.....	32 pipes
24	8	Principal.....from #2.....	32 notes
25	8	Gedeckt.....from #1.....	32 notes
26	4	Octav.....from #2.....	32 notes
27	4	Spitzflöte.....from #12.....	32 notes
28	III	Mixture.....from #8	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Trichter Regal...from #9.....	32 notes

(*) Unenclosed and Exposed

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

#10872

SECOND CHURCH OF CHRIST, SCIENTIST, KANSAS CITY, MISSOURI

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Great Organ
- 2 - Balanced Expression Pedal - Swell Organ
- 3 - Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with ^{DC} indicator light (red jewel)
~~and related electrical 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
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCCto BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Art. Tapered Bass			Wood)	3-1/2"
			TC up Reg. Art. Trebles			Wood & S.M.)	
Principal	8	73	CC 52 TC 60 18	1/4		17 Zinc S.M.	3-1/2"
Mixture	III	183	See Formula Below			S.M.	3-1/2"
Trichter Regal	4	61	2-1/2" Brass tubes, funnel top			D(F) Eschallots	3-1/2"
<u>SWELL ORGAN</u>							
Spitzflöte TC	8	73	60-2/3 @ 4'C	19	2/9	S.M.	3-1/2"
Gemshorn	8	85	CC 54-1/3	17	2/9	12 Zinc S.M.)	
			#56 102-2/3	20	2/9	)	3-1/2"
Gemshorn Celeste TC	8	49	56-1/3	17	1/5	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length			)	
			FF# up full length			)	3-1/2"
			D(F) Eschallots			Zinc S.M.)	
<u>PEDAL ORGAN</u> (unenclosed and exposed)							
Quintaton	16	32	40	20	2/9	32 Zinc	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.