

File

AR SERIES ARTISTE ORGANS
EARMARK FOR
#10856 FIRST BAPTIST CHURCH, DENMARK, SOUTH CAROLINA
3/12
SPECIFICATIONS OF SERIES "711" ARTISTE ORGAN

GENERAL

(1) ORGAN

Great Organ	Unenclosed and Exposed on divided chests. Supports and Paneling by purchaser.
Swell Organ	Standard Series 700 cabinet (in chamber)
Choir Organ	Standard Series 700 cabinet (in chamber)
Wood & Finish	Organ layout will be supplied.
Action	Rift Sawn Oak to color block #M-4150-2 Electro-Pneumatic (unit type) Entire organ to play thru relays and switches.
Wind Pressure	3-1/2"
Pitch	A-440 @ 70 ° F

*Chamber installation
no cabinets*

(2) CONSOLE

Cabinet	Special Design
Wood & Finish	Color Block showing kind of wood & finish to be supplied. <i>Maple - To sample submitted</i>
Manuals	Three and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Draw Knobs and Tilting Tablets
Action	Electro-Pneumatic All Electric

(3) BLOWERS (two required - Detached)

Type	Style 2-P-2116 - ^{7 3/4} 2 1/2 HP - 1725 RPM (each)
Rating	⁶⁵⁰ 500 c.f.m. @ 4" - ^{1 1/8" diam.} 6 7/8" outlet
Current Specification	1 Ph - 60 Cy - 220 Volts - 5.2 Amperes
Size	2' - 5 - 3/4" long x 1' - 10 - 3/8" wide x 2' - 5 - 1/4" high <i>1' - 11" wide x 2' - 9 - 3/4" long x 2' - 6 - 3/8" high</i>

(4) POWER UNIT (mounted ¹⁰ with blower ~~on right side~~ ^{RELAY ROOM})

Type	Durst DC Organ Power Unit (all voltage)
Rating	DC Output: 10 to 15 Volts - ³⁸ 25 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - ²²⁰ 110 Volts - 10 Amperes
Overall Size	1' - 1" x 1' - 5" x 8 - 1/2" high <i>1' - 11 - 1/2" HIGH x 1' - 3 - 1/2" WIDE x 10 - 1/2" DEEP</i>

CONSOLE AND ORGAN

10 + 2 - 12 ✓

GREAT ORGAN (unenclosed and exposed)

1	16	✓ Bourdon.....	92 pipes
2	8	✓ Principal.....	80 pipes
3	8	✓ Bourdon.....from #1.....	61 notes
4	4	✓ Octave.....from #2.....	61 notes
5	4	✓ Bourdon.....from #1.....	61 notes
6	2	✓ Super Octave.....from #2..(repeat 5 top notes).....	61 notes
7	2	✓ Flute.....from #1..(repeat 5 top notes).....	61 notes
8	II	✓ Mixture.....	122 pipes
9		✓ Chimes...(prepared for in console only).....	25 notes
10		✓ Tremolo	

SWELL ORGAN

10 ✓

11	8	✓ Spitzflöte.....(low Octave from #12).....	73 pipes
12	8	✓ Gemshorn.....	73 pipes
13	8	✓ Gemshorn Celeste TC.....	49 pipes
14	4	✓ Spitzflöte.....from #11.....	61 notes
15	4	✓ Gemshorn.....from #12.....	61 notes
16	2	✓ Spitzflöte.....from #11.....	61 notes
17	16	✓ Contre Trompette.....	85 pipes
18	8	✓ Trompette.....from #17.....	61 notes
19	4	✓ Clairon.....from #17.....	61 notes
20		✓ Tremolo	

CHOIR ORGAN

11 + 1 - 12 ✓

21	16	✓ Lieblich Gedeckt.....	97 pipes
22	8	✓ Holzgedeckt.....from #21.....	61 notes
23	4	✓ Spitzprincipal.....	73 pipes
24	4	✓ Gedeckt.....from #21.....	61 notes
25	2-2/3	✓ Nazard.....	73 pipes
26	2	✓ Spitz Octave.....from #23.....	61 notes
27	2	✓ Pfeife.....from #21.....	61 notes
28	1-1/3	✓ Larigot.....from #25.....	61 notes
29	1	✓ Zimbelflöte.....from #21 (repeat 12 top notes).....	61 notes
30	8	✓ Krummhorn.....	61 pipes
31		✓ Tremolo	

PEDAL ORGAN 13+3-16 ✓

32	16	✓ Bourdon.....from #1.....	32 notes
33	16	✓ Lieblich Gedeckt...from #21.....	32 notes
34	8	✓ Principal.....from #2.....	32 notes
35	8	✓ Bourdon.....from #1.....	32 notes
36	8	✓ Holzgedeckt.....from #21.....	32 notes
37	8	✓ Gemshorn.....from #12.....	32 notes
38	4	✓ Octave.....from #2.....	32 notes
39	4	✓ Bourdon.....from #1.....	32 notes
40	2	✓ Super Octave.....from #2.....	32 notes
41	II	✓ Mixture.....from #8.....	32 notes
42	16	✓ Contre Trompette...from #17.....	32 notes
43	8	✓ Trompette.....from #17.....	32 notes
44	4	✓ Clairon.....from #17.....	32 notes

COUPLERS ✓

- 45 ✓ Great to Pedal ✓
- 46 ✓ Swell to Pedal ✓
- 47 ✓ Choir to Pedal ✓
- 48 ✓ Swell to Great ✓
- 49 ✓ Choir to Great ✓
- 50 ✓ Swell to Choir ✓

ADJUSTABLE COMBINATIONS ✓

- Pistons No. 1-2-3-4 ✓
- Pistons No. 1-2-3-4 ✓
- Pistons No. 1-2-3-4 ✓
- Toe Studs No. 1-2-3-4 ✓
- Pistons No. 1-2-3-4-5-6 ✓
- General Cancel ✓
- ✓ Affecting Great Stops
- ✓ Affecting Swell Stops
- ✓ Affecting Choir Stops
- ✓ Affecting Pedal Stops
- ✓ Affecting Full Organ

PEDAL MOVEMENTS ✓

- 1 - Great to Pedal Reversible
- 2 - Balanced Expression Pedal - Swell Organ
- 3 - Balanced Expression Pedal - Choir Organ
- 4 - Balanced Crescendo Pedal with indicator light (Green Jewel) ✓
- 5 - Tutti Reversible with indicator light (Red Jewel) ✓

ACCESSORIES ✓

- ✓ Motor starter switch mounted in console.
- ✓ Music rack light
- ✓ Pedal light
- ✓ Concave and radiating pedal keyboard
- ✓ Organ bench with music shelf

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PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u> (unenclosed and exposed)							
Bourdon	16	92	CCC 42 CC 56 20		2/9	¹³ All Zinc S.M.	3-1/2"
Principal	8	80	CC 52 TC 60 ⁴⁸ 18		1/4	13 All Zinc S.M.	3-1/2"
Mixture	II	122	See Formula Below				S.M. 3-1/2"
<u>SWELL ORGAN</u>							
Spitzflote	8 TC	73	60-2/3 @ 4' C	19	2/9		S.M. 3-1/2"
Gemshorn	8	73	CC 54-1/3 #56 102-2/3	17 20	2/9 2/9	12 Zinc S.M. S.M.	3-1/2"
Gemshorn Celeste	8 TC	49	56-1/3 @ 8' CC	17-1/2	1/5	S.M.	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length FF# Full length D(F) Eschallots			Zinc & S.M.	3-1/2"
<u>CHOIR ORGAN</u>							
Lieblich Gedeckt	16	97	CCC to BBB RMB Sc. CC to BB Artiste Tapered Bass C & up Reg. Artiste Gedeckt			Wood & S.M.	3-1/2"
Spitzprincipal	4	73	60-3/4	18 18	1/4	S.M.	3-1/2"
Nazard	2-2/3	73	66-2/3	19	2/9	S.M.	3-1/2"
Krummhorn	8	61	1" Reg. SM Tubes			B(F) Eschallots	3-1/2"

GREAT II MIXTURE FORMULA

19	15	12
<u>22</u>	<u>19</u>	<u>15</u>
1-49	50-56	57-61

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