

File

AR SERIES ARTISTE ORGANS
EARMARK FOR
#10754 FIRST CHRISTIAN CHURCH, MADISON, INDIANA

218

SPECIFICATIONS OF SERIES 70-7A ARTISTE ORGAN

GENERAL

- (1) ORGAN
Cabinets Unit I & II Standard Series 70 Model
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 with roll top
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) BLOWERS (2 required, mounted within organ cabinets)
Type Two (2) Maidinger Style 1003 - .5 HP - 3360 RPM
Rating 500 cfm @ 4"
Current Specifications 1 Ph - 60 Cy - 110 Volts - ~~6~~^{4.5} Amperes
Overall Size 1' - 7-1/2" x 1' - 7-1/2" x 2'-0" high
Blower Reservoir Standard
Blower Enclosure 2 Standard enclosures required
- (4) POWER UNIT (Mounted within Swell Organ cabinet)
Type Durst DC Organ Power Unit (all voltage)
Rating DC Output: 10 to 15 Volts - ~~20~~¹⁰ Amperes
Current Specifications AC Input: 1 Ph - 60 Cy - 110 Volts - 6 Amperes
Overall Size 17" long x 11" wide x 7" high

* * * * *

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Genshornfrom #13.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....from #2...(repeat 5 top notes).....	61 notes
8	2	Flute.....from #1...(repeat 5 top notes).....	61 notes
9	II	Mixture.....	122 pipes
10		Chimes.....(prepared for in console only).....	25 notes
11		Tremolo	

SWELL ORGAN

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflöte.....from #12.....	61 notes
16	2	Spitzoctav.....from #14.....	61 notes
17	1-1/3	Larigot.....from #13...(repeat 12 top notes)...	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clarion.....from #18...(repeat 5 top notes)....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedeckt.....from #1.....	32 notes
25	8	Gemshorn.....from #13.....	32 notes
26	4	Octav.....from #2.....	32 notes
27	4	Rohrflöte.....from #12.....	32 notes
28	III	Mixture.....from #7 and #9.....	32 notes
29	16	Contre Trompette.....from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clarion.....from #18.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

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 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
------	-------	-------	-------	---------	-------	-------	---------------

GREAT ORGAN

Bourdon	16	92	CCC to BBB Regular Manual Bourdon Wood				)1-16 4-1/2"
			CC to BB Regular Artiste Tapered Bass Wood				)17 up 3-1/2"
			TC up Regular Artiste Trebles				)
Principal	8	80	CC 52 TC 60 18-1/2	1/4		12 Zinc S.M.)	1-14 4-1/2"
							)15 up 3-1/2"
Mixture	II	122	See Formula Below			S.M.)	3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	Sm O.S. Chimneys	)1-4 4-1/2"
						S.M.)	5 up 3-1/2"
Gemshorn	8	80	CC 54-1/3	17-1/2	2/9	12 Zinc S.M.)	1-12 4-1/2"
		#56	102-2/3	20-1/2	2/9		)13 up 3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	Zinc S.M.)	1 & 2 4-1/2"
							)3 up 3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length			)1-12 4-1/2"
				FF# up full length			)13 up 3-1/2"
				D(F) Eschallots Zinc S.M.			)

** * * * * *

GREAT II MIXTURE FORMULA

19	15	12
22	19	15
1-49	50-56	57-61

Unison	48 Sc.	17-1/2	1/4 mouth	SM
Quint	49 Sc.	17-1/2	1/4 mouth	SM