

AR SERIES ARTISTE ORGANS
 BARMARK FOR
 #10750 ST. PAUL EVANGELICAL LUTHERAN CHURCH, NEW BRAUNFELS, TEXAS

2/10

SPECIFICATIONS OF EIGHT RANK (Series 70) ARTISTE ORGAN

GENERAL

(1) ORGAN

Great Organ	Unenclosed & exposed. Supply enclosure
Swell Organ	Chamber installation. Supply shades, motors, frames, etc. as required.
	Organ layout will be supplied.
Wood & Finish	To customer's selection
Action	Electro-Pneumatic (unit type)
Wind Pressure	Great 3"; Swell offsets 4-1/2"; Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series <i>old style Artiste size & design</i> 70 design
Wood & Finish	To customer's selection
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	Meidinger Style #1004 - .7 HP - 3360 RPM
Rating	500 cfm @ 4" - 5-1/2" outlet
Current Specification	Ph - Cy - Volts - Amps.
Overall Size	1'-7-1/2" x 1'-7-1/2" x 2'-0" high
Blower Reservoir	Standard

(4) POWER UNIT (located in Swell Organ space)

Type	Durst DC organ power unit (all voltage)
Rating	DC Output: 10 to 15 Volts - 30 Amps.
Current Specifications	AC Input: 1 Ph - 60 Cy - 110 Volts - 6 Amps.
Overall Size	17" long x 11" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (unenclosed and 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	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes.....Mayland 25 with electric action, relays, transformer, volume control, etc. G to G #20 to #44 incl.....	25 tubes
11		Tremolo	

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SWELL ORGAN

12	8	Spitzflöte T.C.....(#1 to #12 from #13).....	73 pipes
13	8	Gemshorn	85 pipes
14	8	Gemshorn Celeste T.C.....	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	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	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

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Swell Organ
- 2 - 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.

Plexiglas music rack with fluorescent light
Pedal light

Concave and radiating pedal keyboard
Organ bench with music shelf

Swell Shades, Frames, action etc. as required.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN (unenclosed and exposed)

Bourdon	16	97	CCC to BBB Reg. Man. Bdn.			Wood)	
			CC to BB Reg. Artiste Tapered Bass			Wood)	3"
			TC up Reg. Artiste Trebles			Wood & SM)	
Principal	8	73	CC 52 TC 60 18-1/2	1/4		12 Zinc S.M.	3"
Mixture	III	183	See Formula Below			S.M.	3"
Trichter Regal	4	61	2-1/2" brass tube, funnel top				
			D(F) Eschallots				3"

SWELL ORGAN

Spitzflöte TC	8	73	60-2/3 @ 4' C	19-1/2	2/9	S.M.) 13 ¹⁶ & 2	4-1/2"
						70 up	3-1/2"
Genshorn	8	85	1-55 54-1/3	17-1/2	2/9	12 Zinc S.M.) 1-12	4-1/2"
			56-87 102-2/3	20-1/2	2/9	) 13 up	3-1/2"
Genshorn Celeste TC	8	49	56-1/3	17-1/2	1/5	5 Zinc S.M.) 13 ¹⁴ & 2	4-1/2"
						58 up	3-1/2"
Contre Trompette	16	85	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 III MIXTURE FORMULA

15	12	8
19	15	12
22	19	15
1-49	50-56	57-61

Unison 47 Scale - 17-1/2 - 1/4 mouth - SM
 Quint 48 Scale - 17-1/2 - 1/4 mouth - SM

9/13/70
 RHM/mr