

File

AR SERIES ARTISTE ORGANS
EARMARK FOR
#10880 ST. MARTIN LUTHERAN CHURCH, PORT HURON, MICHIGAN
SPECIFICATIONS OF SERIES 706 ARTISTE ORGAN

2/7

GENERAL

(1) ORGAN

Cabinets (2 required)	Standard Series 700 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 700 design
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, installed within organ cabinets)

Type	Two (2) Meidinger No. 1002 - .4 HP - 3360 RPM
Rating	280 c.f.m. @ 4" - 4" outlet
Current Specification	1 Ph - 60 Cy - 120 Volts - 4.4 Amperes
Overall Size	1'-6" x 1' - 5-5/8" x 1'-8" high
Blower Enclosure	Two (2) Standard Series 700 enclosures required

(4) POWER UNIT (mounted with organ cabinet)

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

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CONSOLE AND ORGAN

GREAT ORGAN

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

SWELL ORGAN

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn.....	85 pipes
14	4	Spitzflöte.....from #12.....	61 notes
15	2	Spitzflöte.....from #12 (repeat 5 top notes).....	61 notes
16	1-1/3	Larigot.....from #13 (repeat 7 top notes).....	61 notes
17	16	Contre Trompette.....	80 pipes
18	8	Trompette.....from #17.....	61 notes
19	4	Clairon.....from #17 (repeat 5 top notes).....	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon.....from #1.....	32 notes
22	8	Principal.....from #2.....	32 notes
23	8	Gedeckt.....from #1.....	32 notes
24	8	Gemshorn.....from #13.....	32 notes
25	4	Octave.....from #2.....	32 notes
26	4	Spitzflöte.....from #12.....	32 notes
27	III	Mixture.....from #7 & 9.....	32 notes
28	16	Contre Trompette..from #17.....	32 notes
29	8	Trompette.....from #17.....	32 notes
30	4	Clairon.....from #17.....	32 notes

COUPLER

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4 Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Great Organ (7 stages)
- 2 - Balanced Expression Pedal - Swell Organ (7 stages)
- 3 - Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor starter switch with indicator light (red jewel)

Pedal light

Concave and radiating pedal keyboard
Organ bench with music shelf

PIPE ANALYSIS

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB RMB Sc. CC to BB Reg. Art. Tapered Bass TC up Reg. Art. Trebles			Wood Wood Wood & S.M.)	) 1-16 4-1/2")) 17 up 3-1/2"
Principal	8	80	CC 52 TC 60 18	1/4	17 Zinc	S.M.)	) 1-12 4-1/2") 13 up 3-1/2"
Mixture	II	122	See Formula Below			S.M.)	) 3-1/2"

SWELL ORGAN

Spitzflöte TC	8	68	60-2/3 @ 4' C 19	2/9		S.M.)	) 1 & 2 4-1/2") 3 up 3-1/2"
Gemshorn	8	85	CC 54-1/3 17 #56 102-2/3 20	2/9 2/9	12 Zinc	S.M.)	) 1-12 4-1/2") 13 up 3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots			Zinc S.M.)	) 1-14 4-1/2")) 15 up 3-1/2"

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GREAT II MIXTURE FORMULA

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

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