

File

AR SERIES ARTISTE ORGANS

EARMARK FOR

#10380 FIRST METHODIST CHURCH, FREEHOLD, NEW JERSEY

SPECIFICATIONS OF NINE RANK ARTISTE ORGAN

GENERAL

(1) ORGAN

Chamber Installation

Great Organ - unenclosed

Swell Organ - standard cabinet 4'-3" x 8'-0" x 8'-0" installed on special building frame.

Organ layout will be supplied.

Wood & Finish

Mahogany #M711A

Action

Electro-Pneumatic (unit type)

Wind Pressure

Offsets 4-1/2"; Trebles 3-3/4"

Pitch

A-440 @ 70° F

(2) CONSOLE

Cabinet

Special size with roll top

Wood & Finish

Mahogany #M711A

Manuals

Two and Pedal - English Keys

Manual Compass

CC to G, 61 Notes

Pedal Compass

CCC to G, 32 Notes

Stop Controls

Tilting Tablets

Action

All Electric

(3) BLOWER

Type

Kinetic Style 2-P-2117 - 3/4 HP - 1750 RPM

Rating

650 cfm @ 4" - 8" outlet

Current Specification

Ph- Cy- Volts - Amperes

Overall Size

1'-11" x 2'-8" x 2'-6" high

Blower Reservoir

2'-6" x 2'-6"

(4) POWER UNIT (mounted within console cabinet)

Type

Durst DC Organ Power (all voltage)

Rating

DC Output: 10 to 15 Volts - 30 Amperes

Current Specification

AC Input: Ph- Cy- Volts- Amperes

Overall Size

17" high x 11" wide x 7" deep

GREAT ORGAN (unenclosed)

1	8	Diapason.....	73 Pipes
2	8	Gedeckt.....	85 Pipes
3	8	Dulciana.....(#1 to #12 incl. from #2).....	49 Pipes
4	4	Octave.....from #1.....	61 Notes
5	4	Gedeckt.....from #2.....	61 Notes
6	2-2/3	Nazard.....from #2.....	61 Notes
7	2	Flute.....from #2.....	61 Notes
8	II	Mixture.....	122 Pipes
9		Chimes.....present Mayland tubes & action.	
		supply chimes relay A to F #22 to #42 incl.	21 Tubes
10		Tremolo	

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SWELL ORGAN

11	8	Rohrflöte.....	85 Pipes
12	8	Viole de Gambe.....	73 Pipes
13	8	Viole Celeste TC.....	49 Pipes
14	4	Rohrflöte.....from #11.....	61 Notes
15	4	Gambe.....from #12.....	61 Notes
16	2	Rohrflöte.....from #11.....	61 Notes
17	8	Trompette.....	73 Pipes
18	4	Trompette.....from #17.....	61 Notes
19		Tremolo	

PEDAL ORGAN

20	16	Bourdon.....12 pipes; 20 from #2.....	32 Notes
21	8	Principal.....	44 Pipes 32
22	8	Gedeckt.....from #2.....	32 Notes
23	8	Viole de Gambe.....from #12.....	32 Notes
24	4	Octave.....from #21.....	32 Notes 12
25	4	Rohrflöte.....from #11.....	32 Notes
26	II	Mixture.....from #8.....	32 Notes
27	16	Trompette.....12 pipes; 20 from #17.....	32 Notes
28	8	Trompette.....from #17.....	32 Notes
29	4	Trompette.....from #17.....	32 Notes

COUPLER

30 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6-7-8

Affecting Full Organ (pistons No. 1-2-3-4 duplicated by toe studs)

PEDAL MOVEMENTS

- 1- Balanced Expression Pedal - Swell Organ (8 stages)
- 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.

Special building frame to elevate Swell Organ cabinet.

PIPE ANALYSIS

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

Diapason	8	73	CC 52 TC 60	17-1/2	1/4	17 Zinc CM)	1-14 4-1/2" 15 up 3-3/4"
Gedeckt	8	85	CC to BB Special Artiste Bass TC Portable Bourdon #62 110	17-1/2	1/5	Wood) Hardwood fronts Wood) CM)	1 & 2 4-1/2" 3 up 3-3/4"
Dulciana	8 TC	49	56	17-1/2	1/5	5 Zinc CM)	13 & 14 4-1/2" 15 up 3-3/4"
Mixture	II	122	See Formula Below			SM)	3-3/4"

SWELL ORGAN (enclosed)

Rohrflöte	8	85	56	20-1/2	2/9 small chimneys	SM)	1 & 2 4-1/2" 3 up 3-3/4"
Viole de Gambe	8	73	54	18-1/2	2/9	17 Zinc SM)	1-14 4-1/2" 15 up 3-3/4"
Viole Celeste	8 TC	49	56	18-1/2	1/5	5 Zinc SM)	1 & 2 4-1/2" 3 up 3-3/4"
Trompette	8	73	2-1/2"	CC to FF half length FF# up full length D (F) Eschallots		Zinc SM)	3-3/4"

PEDAL ORGAN

Bourdon	16	12	CCC to BBB Regular Manual Bourdon			Wood)	4-1/2"
Principal	8	44	47	17-1/2	2/9-1/4	12 Zinc SM)	4-1/2"
Trompette	16	12	2-1/2" half length D(F) Eschallots			Zinc SM)	4-1/2"

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GREAT II MIXTURE FORMULA

19	15	12
22	19	15
1-42	43-54	55-61

Unison	50 Sc - 17-1/2 - 1/4 mouth
Quint	51 Sc - 17-1/2 - 1/4 mouth