

File

AR SERIES ARTISTE ORGANS
EARMARK FOR
#9459 EMMANUEL LUTHERAN CHURCH, CASTLE SHANNON, PA.
2/9 1968
SPECIFICATIONS OF EIGHT RANK ARTISTE ORGAN

GENERAL

(1) ORGAN

Chamber Installation	Organ layout will be supplied
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-3/4"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
Cabinet Wood & Finish	Rift Sawn Oak to color block submitted
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	Kinetic Style 2-P-2117 - 3/4 HP - 1750 RPM
Rating	650 cfm @ 4" - 8" outlet
Current Specification	1 Ph - 60 Cy - 220 Volt - 5.2 Ampere
Overall Size	1'-11" x 2'-8" x 2'-6" High
Blower Reservoir	2'-6" x 2'-6"

(4) POWER UNIT (mounted with ~~in console cabinet~~ *air switch within Great Organ space*)

Type	DC Organ Power Unit (all voltage)
Rating	DC Output 10 to 15 Volts - 15 Amperes
Current Specification	AC Input 1 Ph - 60 Cy - 220 Volt - 5.2 Ampere
Overall Size -	1'-1" x 1'-5" x 8-1/2" High

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	92 Pipes
2	8	Diapason.....	73 Pipes
3	8	Gedeckt.....from #1.....	61 Notes
4	8	Dulciana TC.....	49 Pipes
5	4	Octave.....from #2.....	61 Notes
6	4	Gedeckt.....from #1.....	61 Notes

GREAT ORGAN (cont'd)

7	2	Flute.....from #1...(repeat 5 top notes)....	61 Notes
8	II	Grave Mixture.....	122 Pipes
9		* Chimes.....(Prepared for in console only).....	25 Notes
10		Tremulant	

SWELL ORGAN

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

PEDAL ORGAN

20	16	Bourdon.....from #1.....	32 Notes
21	8	Diapason.....from #2.....	32 Notes
22	8	Gedeckt.....from #1.....	32 Notes
23	8	Viole de Gambe.....from #11.....	32 Notes
24	4	Octave.....from #2.....	32 Notes
25	4	Nachthorn.....from #13.....	32 Notes
26	II	Grave Mixture.....from #8.....	32 Notes
27	16	Trompette.....from #16.....	32 Notes
28	8	Trompette.....from #16.....	32 Notes
29	4	Trompette.....from #16.....	32 Notes

COUPLERS

30 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Generals, Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Great Organ (8 stages)
- 2 - Balanced Expression Pedal - Swell Organ (8 stages)
- 3 - Balanced Crescendo Pedal with indicator light (green jewel)

motor and power unit on the section (Duck type) with transmitter logs (see page) and
related electrical wiring.

Blower motor starter with push button station, Square D BF-13 mounted in console.
Concave and radiating pedal keyboard
Organ bench with music shelf
Rigid music rack

Supply 21 yds. Lumite Grille Cloth - Pattern 1061 - 054.

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(*) Present Deagan Class M-21 chime tubes and electric action to be connected to organ by V.I. Zuck. This to include transformer, relays, volume control, etc.

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STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Regular Manual Bourdon CC to BB Special Artiste Bourdon TC Portable Bourdon #74 110 17-1/2 1/5			Wood) Wood) Wood) CM)	1-14 incl. 4-1/2" 15 up 3-3/4"
Diapason	8	73	CC 52 TC 60 17-1/2 1/4			17 Zinc CM))	1-14 incl. 4-1/2" 15 up 3-3/4"
Dulciana TC	8	49	56 17-1/2 1/5			5 Zinc CM))	13 & 14 4-1/2" 15 up 3-3/4"
Grave Mixture	II	122	See Formula Below			SM)	3-3/4"

Viole de Gambe	8	73	54	18-1/2	2/9	17 Zinc SM)	1-14 incl. 4-1/2"
						)	15 up 3-3/4"
Viole Celeste TC	8	49	56	18-1/2	1/5	5 Zinc SM)	3-3/4"
Nachthorn	4	73	62	20-1/2	1/6	5 Zinc SM)	1 & 2 4-1/2"
						)	3 up 3-3/4"
Trompette	16	85	2-1/2"	CCG to FF half length		)	1-14 incl. 4-1/2"
				FF# up full length		Zinc SM)	

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II GRAVE MIXTURE FORMULA

$$\begin{array}{r} 19 \\ 22 \\ \hline 1-42 \end{array}$$

$$\begin{array}{r} 15 \\ 19 \\ \hline 43-54 \end{array}$$

$$\begin{array}{r} 12 \\ 15 \\ \hline 55-61 \end{array}$$

Unison
Quint

50 Sc. = $17-1/2 = 1/4$ mouth
51 Sc. = $17-1/2 = 1/4$ mouth

12/9/59
RHM/mb