

File

AR SERIES ARTISTE ORGANS
EARMARK FOR
#10067 GRACE EVANGELICAL LUTHERAN CHURCH, OAK RIDGE, TENN.

SPECIFICATIONS OF EIGHT RANK ARTISTE ORGAN

GENERAL

(1) ORGAN

Great Organ	Standard Cabinet 4'-3" x 8'-0" x 8'-0" high
Swell Organ	Standard Cabinet 4'-3" x 8'-0" x 8'-0" high to be installed in organ chamber
Wood & Finish	Maple to color block submitted
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 1'-9" x 4'-10 1/2" x 3'-10-7/8" high
Wood & Finish	Maple to color block submitted
Manuals	Two and Pedal
Manual Compass	CC to Ch, 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 - 115 Volts - 10.5 Amp.
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	DC Organ Power Unit (all voltage)
Rating	DC Output: 10 to 15 Volts - 15 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 115 Volts - 6 Amp.
Overall Size	1'-1" x 1'-5" x 8-1/2" high

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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.....(#1 to #12 incl. from #1).....	49 Pipes
5	4	Octave.....from #2.....	61 Notes
6	4	Gedeckt.....from #1.....	61 Notes
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		Tremolo	

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	2-2/3	Nasat.....from #13.....	61	Notes
16	2	Nachthorn.....from #13.....	61	Notes
17	16	Trompette.....	85	Pipes
18	8	Trompette.....from #17.....	61	Notes
19	4	Trompette.....from #17.....	61	Notes
20		Tremolo		

PEDAL ORGAN

21	16	Bourdon.....from #1.....	32	Notes
22	8	Diapason.....from #2.....	32	Notes
23	8	Gedeckt.....from #1.....	32	Notes
24	8	Viole de Gambe.....from #11.....	32	Notes
25	4	Octave.....from #2.....	32	Notes
26	4	Nachthorn.....from #13.....	32	Notes
27	II	Grave Mixture.....from #8.....	32	Notes
28	16	Trompette.....from #17.....	32	Notes
29	8	Trompette.....from #17.....	32	Notes
30	4	Trompette.....from #17.....	32	Notes

COUPLERS

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
General Cancel Piston

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)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel) and related electrical wiring.

Rigid music rack with fluorescent light
Pedal light
Organ bench with music shelf
Concave and radiating pedal keyboard

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Regular Manual Bourdon			Wood)	
			CC to BB Special Artiste Bourdon			Wood)	1-14 4-1/2"
			TC Portable Bourdon Hardwood fronts			Wood)	15 up 3-3/4"
			#74 110	17-1/2	1/5	CM)	
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"
Dulciana TC	8	49	56	17-1/2	1/5	5 Zinc SM)	13 & 14 4-1/2"
						)	15 up 3-3/4"
Grave Mixture	II	122	See Formula Below			SM)	3-3/4"
<u>SWELL ORGAN</u>							
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 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"	CCC to FF half length		)	1-14 4-1/2"
				FF# up full length		)	15 up 3-3/4"
				D(F) Eschallots		Zinc SM)	

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GREAT II GRAVE 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

10/29/64
 RHM/bf