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AR SERIES ARTISTE ORGANS
 EARMARK FOR
 #10897 MIDDLE RIVER CHURCH OF THE BRETHREN, GROTTOS, VIRGINIA
 2/7
 SPECIFICATIONS OF SERIES 70-6 ARTISTE ORGAN

GENERAL

(1) ORGAN

Great Organ	Unenclosed and exposed with enclosure
Swell Organ	Chamber installation. Supply special legs and bearers as required.
	Organ layout will be supplied.
Wood & Finish	Birch & Mahogany to Color Block submitted
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 70 design
Wood & Finish	Birch & Mahogany to Color Block submitted
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes - 4 oz. touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWERS (2 required)

Type	Two (2) Meidinger No. 1002 - .4 HP - 3360 RPM
Rating	280 c.f.m. @ 4" - 4" outlet
Current Specifications	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	1'-6" x 1' - 5-5/8" x 1'-8" high
Blower Enclosures	Two (2) Standard Series 70 enclosures

(4) POWER UNIT (mounted within 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 (unenclosed and exposed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 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	Super Octav.....from #2..(repeat 5 top notes).....	61 notes
8	2	Flute.....from #1..(repeat 5 top notes).....	61 notes
9	II	Mixture.....	122 pipes
10		Chimes Mayland 21 with electric actions, relays, transformer, volume control relay, switch, etc.	
11		Tremolo A to F #22 to #42.....	21 tubes

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	Octav.....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 (duplicated by toe stud)

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Swell Organ (7 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

Music rack light
Pedal light

Concave and radiating pedal keyboard
Organ bench with music shelf

ORGAN NO. 10897 MIDDLE RIVER CHURCH OF THE BRETHREN, GROTTOS, VIRGINIA

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u> (unenclosed and exposed)							
Bourdon	16	92	CCC 42 TC 56	20	2/9	15 Zinc S.M.	3-1/2"
Principal	8	80	CC 52 TC 60	18	1/4	17 Zinc S.M.	3-1/2"
Mixture	II	122	See Formula Below			S.M.	3-1/2"
<u>SWELL ORGAN</u>							
Spitzflöte TC	8	68	60-2/3 @ 4' C	19	2/9	S.M.	3-1/2"
Gemshorn	8	85	CC 54-1/3	17	2/9	12 Zinc S.M.)	) 1-12 4-1/2"
		#56	102-2/3	20	2/9		) 13 up 3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length		Zinc S.M.)	) 1-12 4-1/2"
				FF# up full length			) 13 up 3-1/2"
				D (F) Eschallots			

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GREAT II MIXTURE FORMULA

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

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