

AR SERIES ARTISTE ORGANS
 EARMARK FOR
 #10758 GOODYEAR HEIGHTS UNITED PRESBYTERIAN CHURCH, AKRON, OHIO
 SPECIFICATIONS OF SERIES 70-8B ARTISTE ORGAN

2/10

GENERAL

(1) ORGAN

Chamber Installation	Two (2) Special organ cabinets to be installed in existing organ chamber.
Action	Organ layout will be supplied.
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	Offsets 4-1/2", Trebles 3-1/2"
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 design with roll top
Wood & Finish	Rift Sawn Oak to color block to be supplied
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)

Type	Two (2) Meidinger Style 1002 - .4 H.P. - 3360RPM
Rating	280 c.f.m. @ 4" - 4" outlet
Current Specifications	1 Ph - 60 Cy - 120 Volts - 4.4 Amperes
Overall Size	1'-6" x 1'-5-5/8" x 1' - 8" high
Blower Reservoir	Standard Series 70
Blower Enclosure	Two (2) required. Standard Series 70

(4) POWER UNIT (mounted in Swell Organ cabinet)

Type	Durst DC Organ Power Unit (all voltage)
Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	1'-1" x 1'-5" x 8-1/2" high

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CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #13.....	61 notes
5	4	Octave.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes.....present Deagan Class A tubes; present electric action, volume control, transformer, relay, etc. A to F #22 to #42.....	21 tubes
11		Tremolo	

SWELL ORGAN

12	8	Spitzflöte...(low octave from #13).....	73 pipes
13	8	Gemshorn.....	85 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzflöte.....from #12.....	61 notes
16	2	Spitzflöte.....from #12.....	61 notes
17	1-1/3	Larigot.....from #13...(repeat 7 top notes).....	61 notes
18	16	Contre Trompette.....	85 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18.....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedeckt.....from #1.....	32 notes
25	8	Gemshorn.....from #13.....	32 notes
26	4	Octave.....from #2.....	32 notes
27	4	Spitzflöte.....from #12.....	32 notes
28	III	Mixture.....from #8.....	32 notes
29	16	Contre Trompette..from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clairon.....from #9.....	32 notes

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONSPistons No. 1-2-3-4
General Cancel Piston

Affecting Full Organ

PEDAL MOVEMENTS

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

ACCESSORIES

Motor and power unit on-off switch (mercury toggle type)
 and related electrical wiring.

Flexiglas music rack with fluorescent light
 Pedal light

Concave and radiating pedal keyboard
 Organ bench with music shelf

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Regular Manual Bourdon	Wood	(1-16	4-1/2"
			CC to BB Regular Artiste Tapered Bass	Wood	(17 up	3-1/2"
			TC up Regular Artiste Trebles		(	
Principal	8	73	CC 52 TC 60 18-1/2	1/4	12 Zinc S.M.	(1-14 4-1/2"
					(15 up	3-1/2"
Mixture	III	183	See Formula Below		S.M.	3-1/2"
Trichter Regal	4	61	2-1/2" brass tube, funnel top			
			D(F) Eschallots			3-1/2"

SWELL ORGAN

Spitzflote TC	8	73	60-2/3 @ 4'C	19-1/2	2/9	S.M.	(1-4 4-1/2"
						(5 up	3-1/2"
Gemshorn	8	85	CC 54-1/3	17-1/2	2/9	12 Zinc S.M.	(1-12 4-1/2"
			#56 102-2/3	20-1/2	2/9	(13 up	3-1/2"
Gemshorn Celeste TC	8	49	56-1/3	17-1/2	1/5	5 Zinc S.M.	(13 & 14 4-1/2"
						(15 up	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length			(1-12 4-1/2"	
			FF# up full length			(13 up 3-1/2"	
			D(F) Eschallots		Zinc S.M.	(	

GREAT III Mixture Formula

15	12	8
19	15	12
22	19	15
1-42	43-48	49-61

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

11/1/70
RHM/ar