

AR SERIES ORGAN  
 FARMARK FOR  
 #11592, WHATCOAT UNITED METHODIST CHURCH, CAMDEN, DELAWARE  
 SPECIFICATIONS FOR A SPECIAL SERIES 80-8 (PLUS CELESTE) ORGAN  
 TO BE COMPLETED - AUGUST 1, 1982

2/4

GENERAL

(1) ORGAN

Great Organ	Unenclosed with Principal displayed & paneling
Swell Organ	Special design - silvite
	Layout will be supplied
Wood & Finish	Birch paneling to customer's paint sample
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70 F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Birch & Mahogany to customer's paint and stain samples
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 (located near organ)

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	300 c.f.m. @ 4"
Current Specification	3 Ph - 60 Cy - 240 Volts - 2.6 Amperes
Overall Size	2'-9 3/4" long x 1'-10 3/8" wide x 2'-6" high

(4) POWER UNIT (located in organ)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long, 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon-----from #10 & #23-----61 notes
* 2	8	Principal -----85 pipes
3	8	Rohrflöte-----from #10 -----61 notes
4	8	Gemshorn -----from #11 -----61 notes
5	4	Octave -----from #2 -----61 notes
6	4	Rohrflöte -----from #10-----61 notes
7	2	Super Octave -----from #2 -----61 notes
8	III-IV	Mixture -----208 pipes
9		Chimes....Mayland tubes & electric action, relays, transformer & volume control A to F, #22-42-----21 tubes

\* Used in display with matching ornamental pipes

SWELL ORGAN (Enclosed)

10	8	Rohrflöte-----	80 pipes
11	8	Gemshorn -----	80 pipes
12	8	Gemshorn Celeste TC -----	49 pipes
13	4	Rohrflöte -----from #10 -----	61 notes
14	4	Gemshorn -----from #11 -----	61 notes
15	2	Rohrflöte -----from #10--(repeat 5 top notes)-----	61 notes
16	1-1/3	Larigot -----from #11. (repeat 5 top notes)-----	61 notes
17	1	Siffflöte -----from #10--(repeat 17 top notes)-----	61 notes
18	16	Contre Trompette -----	73 pipes
19	8	Trompette -----from #18 -----	61 notes
20	4	Clairon -----from #18--(repeat 12 top notes)-----	61 notes
21		Tremolo	

PEDAL ORGAN

22	32	Untersatz -----from #10 & 23 -----	32 notes
23	16	Bourdon -----12 pipes, 20 from #10-----	32 notes
24	8	Principal -----from #2 -----	32 notes
25	8	Rohrflöte -----from #10 -----	32 notes
26	4	Octave -----from #2 -----	32 notes
27	4	Rohrflöte -----from #10 -----	32 notes
28	III	Mixture -----from #8 -----	32 notes
29	32	Trompette Cornet-----from #18 -----	32 notes
30	16	Contre Trompette-----from #18 -----	32 notes
31	4	Clairon -----from #18 -----	32 notes

COUPLERS

32	Swell to Great
33	Great to Pedal
34	Swell to Pedal

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3	Affecting Great Organ
Pistons No. 1-2-3	Affecting Swell Organ
Pistons No. 1-2-3	Affecting Pedal Organ
Pistons No. 1-2-3-4	Affecting Full Organ
General Cancel	

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stage, reverse system)  
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)  
 Concave and radiating pedal keyboard  
 Organ bench with music shelf  
 Transparent music rack  
 Music rack light  
 Pedal light

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
<u>GREAT ORGAN - Unenclosed</u>							
*Principal	8	85	45	17-1/2	1/4	19 Zinc S.M.) ) 13 up	1-12 4-1/2" 3-1/2"
Mixture	III-IV	208	See Formula Below			S.M.	3-1/2"

\* Used in display with matching ornamental pipes

SWELL ORGAN - Enclosed

Rohrflote	8	80	56	21-1/2	2/9	Sm. O.S. Chimneys 19-62 18 Zinc C.M.	3-1/2"
Gemshorn	8	80	CC 56, C-68 #56-98	1/3 19-1/2 17-1/2	2/9 1/6	17 Zinc S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/2 @ CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Trompette	16	73	3"	#1-18 1/2 L		Zinc & S.M. D(F) Eschallots	3-1/2"

PEDAL ORGAN

Bourdon	16	12	Reg. Man. Bdn.			Wood	4-1/2"
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GREAT III-IV MIXTURE FORMULA

	22	19	15	12	12	12
	26	22	19	15	15	15
	29	26	22	19	19	
		29	26	22		
	1-17	18-29	30-36	37-49	50-54	55-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.		
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.		

AEN/mr  
6/4/82