

AR SERIES ORGAN
EARMARK FOR

#11740 - COMMUNITY UNITED METHODIST CHURCH, MOUNT WOLF, PENNSYLVANIA
SPECIFICATIONS FOR A SERIES 80-4 ORGAN
To be completed - April 10, 1987

214
GENERAL

(1) ORGAN

Cabinet	Special Design with end access - extra paneling
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70° F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak to customer's sample
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 with under-key contacts

(3) BLOWER (mounted in blower area)

Type	2-P-2116 - 1/2 HP - 1750 RPM - reverse rotation
Wind	220 C.F.M. @ 4" - 6" side outlet at bottom
Current Specification	1 Phase - 60 cycles - 240 volts - 3.6 Amperes
Overall Size	2'-5 3/4" x 1'-10 3/8" x 2'-3-1/4" high

(4) POWER UNIT (mounted in organ cabinet)

Rating	DC Output: 10-15 Volts - 30 Amperes
AC Input	1 Phase - 60 cycles - 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN

1	8	Principal -----#1-12 from #2, #3 & #5-----	73 pipes
2	8	Rohrflöte -----	85 pipes
3	8	Gemshorn -----	80 pipes
4	4	Octave -----from #1 -----	61 notes
5	4	Spillflöte -----from #2 -----	61 notes
6	2	Super Octave -----from #1 -----	61 notes
7		Chimes with canopy ----Mayland bells and action, relay, trans- former & volume control, A to F, #22-42---	21 bells

SWELL ORGAN

8	8	Rohrflöte -----from #2 -----	61 notes
9	8	Gemshorn -----from #3 -----	61 notes
10	8	Gemshorn Celeste TC -----(prepared for in console only)	49 p. p.
11	4	Spillflöte -----from #2 -----	61 notes
12	4	Gemshorn -----from #3 -----	61 notes
13	2	Blockflöte -----from #2 -----	61 notes
14	1-1/3	Larigot -----from #3 --(repeat top octave) -----	61 notes
15	1	Zimbel -----from #1 --(repeat top octave) -----	61 notes

SWELL ORGAN - Continued

16	8	Trompette -----	73 pipes
17	4	Clairon -----from #16 -----	61 notes
18		Tremolo	

PEDAL ORGAN

19	16	Bourdon -----12 pipes, 20 from #2 -----	32 notes
20	8	Rohrflöte -----from #2 -----	32 notes
21	4	Principal -----from #1 -----	32 notes
22	16	Trompette Cornet -----from #2 & #16 -----	32 notes
23	8	Trompette -----from #16 -----	32 notes
24	4	Clairon -----from #16 -----	32 notes

COUPLERS

25	Great to Pedal
26	Swell to Pedal
27	Swell to Great

PEDAL MOVEMENTS

Balanced Expression Pedal (8 contacts, make to close)
Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent music rack with light
Pedal light
Motor and power unit on-off switch (lock type) with indicator light (amber jewel) and related electrical wiring
Blower enclosure
Paneling by MPM around organ platform by others

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESS
Principal	8 TC	73	55	17-1/2	1/4	S.M.	3-1/2"
Rohrflöte	8	85	CC to BB Reg. Art. Tapered Bass	21-1/2	2/9	Wood #1-4 C.M. #5 up Sm. I.S. Chimneys #19-62 Pull in 8 scales between #62 & 73	4-1/2" 3-1/2"
Gemshorn	8	80	CC 56	19-1/2	2/9	12 Zinc S.M. #1-12	4-1/2"
<i>Gemshorn</i>			C 68-1/2	19-1/2	2/9	#1-13 up	3-1/2"
<i>Celeste TC 8</i>		<i>49</i>	#56 98	17-1/2	1/6	Pull in 12 scales between #69 and #8	<i>3 1/2"</i>
Trompette	8	73	2-1/4" #1-6	1/2 length		Zinc & S.M. D(F) Escallots	3-1/2"
Bourdon	16	12	Reg. Man. Bourdon			Wood	4-1/2"

16 Trompette Cornet - wiring formula

5 1/3	Notes #1-12 play	8 Rohrflöte	#8-19
3 1/5	Notes #1-12 play	8 Rohrflöte	#17-28
1 7/9	Notes #1-12 play	8 Rohrflöte	#27-38
	Notes #13-32 play	8 Trompette	#1-20

CNG/a
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