

File

AR SERIES ORGAN

EARMARK FOR

11406 NICHOLS-BETHEL UNITED METHODIST CHURCH, ODENTON, MARYLAND
SPECIFICATIONS FOR A 6-RANK SERIES 70 Organ

29

GENERAL

(1) ORGAN - Great
Swell

Action
Wind Pressure
PITCH

No cabinet
Silvite cabinet without grille
Organ layout will be supplied
Electro-pneumatic (unit type)
See Pipe Analysis
A-440 @ 70° F

(2) CONSOLE

Cabinet
Wood & Finish
Manual
Manual Compass
Pedal Compass
Stop Controls
Action

Standard Design
To customer's sample
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

(3) BLOWER (located in blower space)

Type
Wind
Current Specifications
Overall Size

Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
360 c.f.m. @ 3-1/2"
1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
2' - 5 3/4" long x 1'-10-3/8" wide x 2'-6 1/4" high

(4) POWER UNIT (located in organ)

Rating
Current Specifications
Overall Size

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

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	15	Bourdon	92 pipes
2	8	Principal	80 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	Super Octave from #2....(repeat 5 top notes)	61 notes
8	2	Flute from #1....(repeat 5 top notes)	61 notes
9	II-IV	Mixture	183 pipes
10		ChimesMayland tubes & electric actions, relay, transformer & volume control, A to F, #22 to #42..	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote	85 pipes
13	8	Gemshorn	85 pipes
14	4	Rohrflote from #12	61 notes
15	2	Rohrflote from #12	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	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon from #1	32 notes
22	8	Principal from #2	32 notes
23	8	Rohrflote from #12	32 notes
24	4	Choralbass from #2	32 notes
25	4	Gedeckt from #1	32 notes
26	16	Contre Trompette from #17	32 notes
27	4	Clairon from #17	32 notes

COUPLERS

28	Great to Pedal
29	Swell to Pedal
30	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5	Affecting Full Organ (duplicated by toe levers)
General Cancel	

PEDAL MOVEMENTS

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

ACCESSORIES

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

PIPE ANALYSIS

TOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon			Wood)	3-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood)	
			TC 68	21-1/2	2/9	5 Zinc CM)	
Principal	8	80	CC 52 TC 60	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-IV	183	See Formula Below				3-1/2"

SWELL ORGAN

Flute	8	85	56	21-1/2	2/9	S.O.S.Chimneys (19-62) 18 Zinc C.M.	3-1/2"
Shorn	8	85	CC 56	19-1/2	2/9		
			C 68-1/2	19-1/2	2/9	17 Zinc S.M.	3-1/2"
			#56 98	17-1/2	1/6		
Contre Trompette 16		80	3"	CCC to FF half length FF# up full length D(F) Eschallots		Zinc & S.M.	3-1/2"

GREAT II-IV MIXTURE FORMULA

19	12	12	12	12
22	19	15	15	15
	22	19	19	
		22		
1-18	19-22	23-49	50-54	55-61

MM/MT
/20/79

Union
Quint

47 sc. 17 1/2 1/4 S.M.
49 sc. 17 1/2 1/4 S.M.