

AR SERIES ORGAN  
 EARMARK FOR  
 #11308, THE UNITED METHODIST CHURCH, STOUGHTON, WISCONSIN  
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Standard design without shades
Swell Organ	Standard design
Action	Organ layout will be supplied
Wood & Finish	Electro-Pneumatic (unit type)
Wind Pressure	Rift Sawn Oak, M-4150-2
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak M-4150-2
Manual	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 below organ)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	360 c.f.m. @ 3-1/2"
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10 3/8" wide x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

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	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-III	Mixture -----	126 pipes
10	8	Trompette -----from #17-----	61 notes
11		Tremolo	

(\*) Partially exposed

SWELL ORGAN (Enclosed)

12	8	Spitzflöte-----	(low octave from #13)-----	73	pipes
13	8	Gemshorn -----		85	pipes
14	4	Spitzflöte -----	from #12-----	61	notes
15	2	Spitzflöte-----	from #12 -----	61	notes
16	1-1/3	Larigot-----	from #13--(repeat 7 top notes)-----	61	notes
17	16	Contre Trompette-----		85	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	Gedeckt -----	from #1 -----	32	notes
24	8	Gemshorn -----	from #13 -----	32	notes
25	4	Octave -----	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

COUPLERS

31 Swell to Great

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, 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)  
and related wiring.  
Concave and radiating pedal keyboard  
Organ bench with music shelf  
Music rack  
Music rack light  
Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC 68	20-1/2	2/9	Wood ) Wood ) 5 Zinc C.M.)	3-1/2"	
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"	
Mixture	II-III	126	See Formula Below					3-1/2"

SWELL ORGAN

Spitzflote T.C.	8	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Contre Trompette	16	85	2-1/2"	CCC to FF half length FF# up full length D(F) Eschallots		Zinc & S.M.	3-1/2"

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GREAT II-III Mixture Formula

19	12	12	12	15
22	19	19		
	22			
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1-37	38-49	50-53	54-56	57-61

Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.