

AR SERIES ORGAN
 EARMARK FOR
 #11088, TRINITY LUTHERAN CHURCH, GALION, OHIO
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

218

GENERAL

(1) ORGAN

Great Organ	Standard double deck with Great exposed
Swell Organ	and No grille
	Layout will be supplied
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
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes - 4 oz. key touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located in Blower Room)

Type	2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 115 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 - 115 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

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	Octavefrom #2.....	61 notes
6	4	Gedecktfrom #1.....	61 notes
7	2	Super Octave.....from #2..(repeats 5 top notes).....	61 notes
8	2	Flute.....from #1..(repeats 5 top notes).....	61 notes
9	11-111	Mixture.....	126 pipes
10		Chimes..... (prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn	85 pipes
14	4	Spitzflöte.....from #12	61 notes
15	2	Spitzflöte.....from #12..(repeat 5 top notes).....	61 notes
16	1-1/3	Larigot	61 notes
17	16	Contre Trompette.....	80 pipes
18	8	Trompette.....from #17	61 notes
19	4	Clarion.....from #17..(repeat 5 top notes).....	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	111	Mixture.....from #7 & 9	32 notes
28	16	Contre Trompette.....from #17	32 notes
29	8	Trompette.....from #17	32 notes
30	4	Clarion.....from #17	32 notes

COUPLERS

31 Swell to Great

ADJUSTABLE COMBINATIONSPistons No. 1-2-3-4
Toe Stud No. 1Affecting Full Organ
Affecting Full OrganPEDAL MOVEMENTSBalanced Expression Pedal - Swell Organ (8 contacts, reverse system)
Balanced Crescendo Pedal with Indicator light (Green jewel)ACCESSORIESMotor and power unit on-off switch(lock type) with Indicator light (red jewel)
and related wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack light
Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Reg. Manual Bourdon			Wood)	3-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood)	
			TC up Reg. Artiste Treble			Wood & S.M.)	
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
Spitzflote T.C.	8	68	60-2/3 @ 4'c	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54	17-1/2			3-1/2"
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	
			#56 102-2/3	18-1/2			
Contre Trompette	16	80	2-1/2"	CCC to FF half length			3-1/2"
				FF# up full length			
				D(F) Eschallots		Zinc & S.M.	

GREAT II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
1-32	33-46	47-51	52-56	57-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.