

File

AR SERIES ORGAN
EARMARK FOR
#11089 ST. LUKE LUTHERAN CHURCH, MT. UNION, PA.
218
SPECIFICATIONS FOR A SPECIAL SERIES 70-6 ORGAN

GENERAL

(1) ORGAN

Great Organ	Chamber installation, no cabinet
Swell Organ	Standard fir plywood cabinet without grilles
	Layout will be supplied
Wood & Finish	Dull Charcoal Brown
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
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 - 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 cabinet)

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

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	Gemshornfrom #13	61 notes
5	4	Octave..... from #2	61 notes
6	4	Gedeckt.....from #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 .. present Deagan 'M' tubes, provide new electric actions, relay, transformer & volume control	
		A #22 to F #42	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13)	68 pipes	
13	8	Gemshorn	85 pipes	
14	8	Gemshorn Celeste TC	console only	
15	4	Spitzflöte	from #12.....61 notes	
16	2	Spitzflöte.....	from #12..(repeat 5 top notes).....61 notes	
17	1-1/3	Larigot	from #13..(repeat 7 top notes).....61 notes	
18	16	Contre Trompette	80 pipes	
19	8	Trompette	from #18	61 notes
20	4	Clarion	from #18..(repeat 5 top notes).....61 notes	
21		Tremolo		

PEDAL ORGAN

22	16	Bourdon	from #1	32 notes
23	8	Principal.....	from #2	32 notes
24	8	Gedeckt	from #1.....	32 notes
25	8	Gemshorn	from #13	32 notes
26	4	Octave	from #2	32 notes
27	4	Spitzflöte	from #12	32 notes
28	111	Mixture.....	from #7 & 9	32 notes
29	16	Contre Trompette.....	from #18	32 notes
30	8	Trompette.....	from #18	32 notes
31	4	Clarion	from #18	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5

Affecting Full Organ

PEDAL MOVEMENTS

Balanced 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

OP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
----	-------	-------	-------	---------	-------	-------	---------------

GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	11-111	126	See Formula Below				3-1/2"

SWELL ORGAN

Flute T.C.	8	68	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Shorn	8	85	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2	2/9	17 Zinc S.M.	3-1/2"
Treble Trompette	16	80	2-1/2" CCC to FF half length FF up full length D (F) Echallots			Zinc & S.M.	3-1/2"

GREAT 11-111 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.