

File

AR SERIES ORGAN
HARMARK FOR
#11254, LUTHERAN CHURCH OF THE GOOD SHEPHERD, PROSPECT HEIGHTS, ILLINOIS
SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/12

GENERAL

(1) ORGAN

Organ	Exposed Great, Double-Decked
	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 ^{no} with roll top
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 behind organ cabinet) ~~2-P-2116-1/2 H.P. 1750 RPM~~

Type	2-P-2116 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	440 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 110 Volts 7 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console cabinet) ~~2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" H.~~

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 (Exposed)

1	16	Bourdon -----	73 pipes
2	8	Principal -----	80 pipes
3	8	Gedeckt -----from #1 -----	61 notes
4	8	Rohrflote -----from #19 -----	61 notes
5	8	Gemshorn -----from #20 -----	61 notes
6	8	Gemshorn Celeste TC -----from #21 -----	61 notes
7	4	Octave -----from #2 -----	61 notes
8	4	Spitzprinzipal -----from #22 -----	61 notes
9	4	Blockflote -----	66 pipes
10	2-2/3	Nazard -----from #19 -----	61 notes
11	2	Fifteenth -----from #2--(repeat 5 top notes)-----	61 notes
12	2	Spitzoctav -----from #22--(repeat 12 top notes)-----	61 notes
13	2	Blockflote -----from #9 --(repeat 7 top notes)-----	61 notes
14	1-3/5	Tierce -----from #20 -----	61 notes

GREAT ORGAN (Exposed) (continued)

15	III-IV	Mixture-----	183 pipes
16	16	Contre Trompette-----from #28 -----	61 notes
17	8	Trompette -----from #28 -----	61 notes
18	4	Clairon-----from #28--(repeat 5 top notes)-----	61 notes

SWELL ORGAN (Enclosed)

19	8	Rohrflöte -----	73 pipes
20	8	Gemshorn -----	80 pipes
21	8	Gemshorn Celeste TC-----	49 pipes
22	4	Spitzprinzipal -----	73 pipes
23	4	Spillflöte -----from #19-----	61 notes
24	4	Gemshorn -----from #20 -----	61 notes
25	4	Gemshorn Celeste-----from #21 -----	61 notes
26	2	Spitzoctav-----from #22 -----	61 notes
27	1-1/3	Larigot -----from #20--(repeat 12 top notes)-----	61 notes
28	16	Contre Trompette-----	80 pipes
29	8	Trompette-----from #28-----	61 notes
30	4	Clairon -----from #28--(repeat 5 top notes)-----	61 notes
31		Tremolo	

PEDAL ORGAN (Exposed)

32	16	Contra Bass-----12 pipes, 20 from #2-----	32 notes
33	16	Bourdon -----from #1 -----	32 notes
34	10-2/3	Quint -----from #1 -----	32 notes
35	8	Principal -----from #2 -----	32 notes
36	8	Gedeckt-----from #1-----	32 notes
37	8	Gemshorn -----from #20 -----	32 notes
38	4	Octave -----from #2 -----	32 notes
39	4	Blockflöte-----from #9 -----	32 notes
40	4	Rohrflöte -----from #19 -----	32 notes
41	2	Spitzoctav -----from #22-----	32 notes
42	III	Mixture-----from #15-----	32 notes
43	16	Contre Trompette-----from #28-----	32 notes
44	8	Trompette -----from #28 -----	32 notes
45	4	Clairon-----from #28-----	32 notes

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6

Affecting Full Organ (duplicated by toe levers)

(Pistons beneath Swell center, toe levers to pedal at right)

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 (toggle type) with indicator light (amber jewel) and related electrical 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	73	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	48	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Blockflöte	4	66	53-3/4	17-1/2	1/5	5 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	SM O.S. Chimneys #19-#62 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/3 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Gemshorn Celeste	8 TC	49	58-1/3 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc C.M.	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Contra Bass	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
1-37	38-49	50-54	55-56	57-61

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