

REVISED

2/9

AR SERIES ORGAN

EARMARK FOR

#11156 ST. MATTHEW'S EVANGELICAL LUTHERAN CHURCH, ESKO, MINNESOTA
SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

GENERAL

(1) ORGAN

Centre Organ
~~Great Organ~~
~~Swell Organ~~

Exposed Great, double decked
~~Exposed, supply enclosure~~

Wood & Finish
Action
Wind Pressure
Pitch

~~Standard design without grille~~
Layout will be supplied
Rift Sawn Oak to customer's sample
Electro-Pneumatic (unit type)
3-1/2"
A-440 @ 70° F

(2) CONSOLE

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

Standard design
Rift Sawn Oak to customer's sample
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

(3) BLOWER

Type
Rating
Current Specifications
Overall Size

Meldinger 1004, .7 H.P., 3360 RPM
500 c.f.m. @ 4" - 6" outlet
1 Ph - 60 Cy - 320 Volts - 3.6 Amperes
1'-9 1/4" long x 1' - 7-5/8" wide x 1' - 11-3/4" high

(4) POWER UNIT (located in console)

Rating
Current Specifications
Overall Size

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

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

16	Bourdon.....	92 pipes
8	Principal.....	80 pipes
8	Gedeckt.....from #1.....	61 notes
8	Gemshorn.....from #13.....	61 notes
4	Octave.....from #2.....	61 notes
4	Gedeckt.....from #1.....	61 notes
2	Super Octave.....from #2....(repeat 5 top notes).....	61 notes
2	Flute.....from #1....(repeat 5 top notes).....	61 notes
II-III	Mixture.....	126 pipes
	Chimes.....(prepared for in console only)	
	Tremolo	

R E V I S E D

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SWELL ORGAN (enclosed)

2	8	Spitzflöte.....(low octave from #13).....	73
3	8	Gemshorn.....	85
4	8	Gemshorn Celeste T.C.....	49
5	4	Spitzflötefrom #12.....	61
6	2	Spitzflötefrom #12.....	61
7	1-1/3	Larigot.....from #13...(repeat 7 top notes).....	61
8	16	Contre Trompette	85
9	8	Trompettefrom #18.....	61
0	4	Clairon.....from #18.....	61
1		Tremolo	

PEDAL ORGAN

2	16	Principal.....12 pipes, 20 from #2.....	32
3	16	Bourdon.....from #1.....	32
4	8	Principal.....from #2.....	32
5	8	Gedeckt.....from #1.....	32
6	8	Gemshorn.....from #13.....	32
7	4	Octave.....from #2.....	32
8	4	Spitzflöte.....from #12.....	32
9	III	Mixture.....from #7 & 9.....	32
0	16	Contre Trompette.....from #18.....	32
1	8	Trompette.....from #18.....	32
2	4	Clairon.....from #18.....	32

COUPLER

3 Swell to Great

ADJUSTABLE COMBINATIONS

Combinations No. 1-2-3-4

Affecting Full Organ

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 (red jewel) and related wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack

Music rack light

Pedal light

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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			Wood)	3-1/2"	
			CC to BB Reg. Artiste Tapered Bass			Wood)		
			TC up Reg. Artiste Treble			Wood & S.M.)		
Principal	8	80	48	18-1/2	1/4	17 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 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			
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' C	17-1/2	2/9	5 Zinc S.M.)	3-1/2"
Contre Trompette	16	85	2-1/2"	CCC to FF half length			3-1/2"
				FF# up full length			
				D(F) Eschallots		Zinc & S.M.)	

PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-1/2"
<i>1-6 inc. Haskell type</i>							

GREAT II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
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.