

SPECIFICATIONS
FOR
PIPE ORGAN

GREAT ORGANPIPER

16' Diapason	24 Lower notes on separate reservoir & light pressure	73
Switch - 16' Bourdon (Pedal Extension)		61
8' Stentorphone (very heavy)		73
8' First Diapason		73
8' Second Diapason		73
8' Third Diapason		73
8' Cymba		73
8' Erzähler		73
8' Philomela		73
8' Clarabella		73
5-1/3' Gross Quinte		73
4' Harmonic Flute		73
4' First Octave		61
4' Second Octave		61
2-2/3' Twelfth		61
2' Fifteenth		61
Mixture - 3 ranks		183
Chorus Mixture - 5 ranks		305
16' Ophicleide		73
8' Tromba		73
4' Clarion		61
2 Switches 8' Grand Piano (Mason & Hamlin) 2 Knobs		
Switch Cathedral Chimes - 25 bells Separate String organ		

SWELL ORGAN

16' Dulciana	73
16' Bourdon	73
8' Stentorphone	73
8' First Diapason	73
8' Second Diapason	73
8' Cymba	73
8' Salicional	73
8' Voix Celestes	73

8'	Viol d'Orchestre	73
8'	Aeoline	73
8'	Unda Maria	61
8'	Flauto Dolce	73
8'	Flute Celeste	61
8'	Clarinella	73
8'	Gedackt	73
4'	Octave	61
4'	Violina	61
4'	Unda Maria - 2 ranks	122
4'	Flute Harmonique	61
4'	Voix Celestes	61
2'	Flageolette	61
	Mixture - 5 ranks	305
	Sesquialtra - 3 ranks	183
16'	Pedane	73
16'	English Horn	73
8'	Cornopean	73
8'	French Trumpet	73
8'	Tuba	73
8'	Corno d'Amur	73
8'	Vox Humana	61
4'	Tuba Clarion	61
4'	Clarion	61

Switch

String Organ
Tremolo

CHOIR ORGAN

16'	Contra Canto	73
8'	First Diapason	73
8'	Second Diapason	73
8'	Concert Flute	73
8'	Bois Celestes	73
8'	Kleine Erzähler - 2 ranks	122
8'	Quintadena	73
8'	Viola	73
8'	Dulcet - 2 ranks	122

4'	Octave	61
4'	Gemshorn	61
4'	Flute	61
2 2/3	Harard	61
1 3/5	Tierce	61
1 1/7	Septieme	61
2'	Piccolo	61
	Mixture - 3 ranks	183
16'	Fagotto	73
8'	Trumpet	73
8'	Clarinet	61
8'	Orchestral Oboe	61
4'	Clarion	61
	Celesta (	61
	Celesta Sub (	
	String Organ	
	Tremolo	

Switches

SOLO ORGAN

Pipes

16'	Contra Salicional	73
8'	Stentorphone	73
8'	Diapason	73
8'	Doppel Flute	73
8'	Gross Gedeckt	73
8'	Gross Gamba	73
8'	Gamba Celeste	73
8'	Harmonic Flute	61
4'	Viola	61
4'	Prestant	61
4'	Gamba Celeste - 2 ranks	61
4'	Hohl Pfeife	61
2'	Piccolo	61
	Cymbale - 5 ranks	306
	Mixture - 5 ranks	306
16'	Ophecleide	73
8'	Bassoon	73
8'	Tuba Mirabilis	73

15"

Out of box - 30"

8'	French Tuba	73
8'	French Horn	73
8'	Corno di Bassetto	73
8'	Tuba	73
8'	Heckelphone	61
8'	Orchestral Oboe	61
8'	Musette	61
4'	Tuba Clarion	61
4'	Clarion	61
Switch	String Organ Tremolo	

CHO ORGAN

8'	Diapason	73
8'	Gamba	73
8'	Gamba Celeste	73
8'	Gedeckt	73
4'	Flute	61
4'	Gamba Celeste - 2 Ranks - 1/12/21 letter E. m. s.	122
8'	French Horn	61
8'	Tromba	73
8'	Vox Humana	61

5th Manual

Switch - 8' Cathedral Chimes - 25 bells
Tremolo

STRING ORGAN of six ranks on high pressure and in a separate swell box available from all manuals and swell pedal controlling the manuals upon which it is operative.

10"

PEDAL ORGAN - Augmented

64'	Gravissima	5
32'	Diapason	32
32'	Contra Violone	32
16'	First Diapason	32
16'	Second Diapason	32
16'	Violone	32
16'	Gamba (ch)	32
16'	Dulciana (Sw)	32

16'	First Bourdon	32
16'	Lieblich Gedeckt	32
16'	Echo Bourdon	32
10-2/3	Quinte	32
8'	Octave	32
8'	Principal	32
8'	Gedeckt	32
8'	Echo Gedeckt	32
8'	Still Gedeckt	32
8'	Cello	32
4'	Super Octave	32

2-Steps Mixture 7 Rks. Two Ranks draw Separately

32'	First Bombarde	20"x20" 30" press.	32
32'	Second Bombarde	16"x16" 15" press.	32
16'	Trombone	30" pres.	32
16'	Ophicleide	15" pres.	32
16'	Possune		32
16'	Fagotto		32
8'	Tromba		32
8'	Trumpet		32
4'	First Clarion		32
4'	Second Clarion		32
16'	Piano		
8'	Piano		

PEDAL ANALYSIS

PEDAL ORGAN - Augmented

PIPES

64'	Gravissima	9 lowest pipes put on 8 1/2" pressure by E.M.S.	Resultant	32
32'	Diapason		First Group	12 68
16'	Second Diapason			12
8'	Principal			12
4'	Super Octave			12
16'	First Diapason	(large) change 4 to 8 1/2" by E.M.S.	Second Group	32 44
8'	Octave			12
32'	Centre Violone	6	Third Group	12 56
16'	Violone			12
8'	Cello			12
64'	Resultant - 5 Notes extra			5 68 68 to 80 68 inch
16'	First Bourdon	6	Fourth Group	12
10-2/3	Quinte			32
8'	Gedeckt			12
16'	Echo Bourdon	6"	Fifth Group	32
8'	Echo Gedeckt in Echo Box			12

16' Dulciana (Swell)
 16' Gamba (Choir)
 16' Echo Lieblich)
 8' Still Gedeckt) (Swell)

74

2 Knobs Mixture - 7 ranks (Synthetic)

32'	First Bombarde	)		12
16'	Trombone	(	Sixth	32 68
8'	Tromba	(	Group	12
4'	First Clarion	)		12

30"

32'	Second Bombarde	)		12
16'	Ophicleide	(	Seventh	32 68
8'	Trumpet	(	Group	12
4'	Second Clarion	)		12

15"

16' Posanne (Swell)

16' Fagotto (Choir)

16' Piano

8' Piano

COUPLERS

Swell to Great)
 Choir to Great)
 Swell to Choir)
 Solo to Great)
 Solo to Choir)
 Great to Solo)
 Echo to Great)
 Echo to Swell)
 Echo to Choir)
 Echo to Solo)

UNISON

Swell to Swell 4')
 Swell to Swell 16')
 Swell to Great 4')
 Swell to Great 16')
 Swell to Choir 4')
 Swell to Choir 16')
 Choir to Choir 4')
 Choir to Choir 16')
 Choir to Great 4')
 Choir to Great 16')
 Solo to Solo 4')
 Solo to Solo 16')
 Solo to Great 4')
 Solo to Great 16')
 Echo to Echo 4')
 Echo to Echo 16')
 Great to Great 4')

OCTAVE

Swell to Pedal)
 Great to Pedal)
 Choir to Pedal)
 Solo to Pedal)
 Echo to Pedal)
 Swell to Pedal 4')
 Choir to Pedal 4')
 Solo to Pedal 4')

PEDAL

Also by Reversible Piston
 " " " " and Pedal
 " " " " "
 " " " " "
 " " " " "

COMBINATIONS

COMBINATIONS

SWELL	-	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Manual to Pedal	On & Off
CHOIR	-	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	" " "	" " "
CHOIR	-	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	" " "	" " "
SOLO	-	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	" " "	" " "
ECHO	-	1, 2, 3, 4, 5, 6		
PEDAL	-	1, 2, 3, 4, 5, 6, 7, 8, 9, 10		

GENERAL- 1, 2, 3, 4, 5, 6, 7, 8, Moving all stops and couplers
 GENERAL CANCEL

MECHANICALS

Swell Expression

Choir Expression

Solo Expression

Echo Expression

Piano Expression

)
) Operated by same pedal

Crescendo

Sforzando by Pedal & Piston Reversible Nos. 1, 2.

All Swells to Swell

Divide Pedal Board for

Swell to Pedal 2

Choir to Pedal 2

Solo to Pedal 2

Swell, Choir and Solo Combinations

duplicated in part by Toe Pistons.

DETAILS

No stopped basses on normally open stops.
 All basses of the larger winded stops on
 separate chests.

Exclusive of case, front pipes, and swell
 boxes.

Tracker touch.