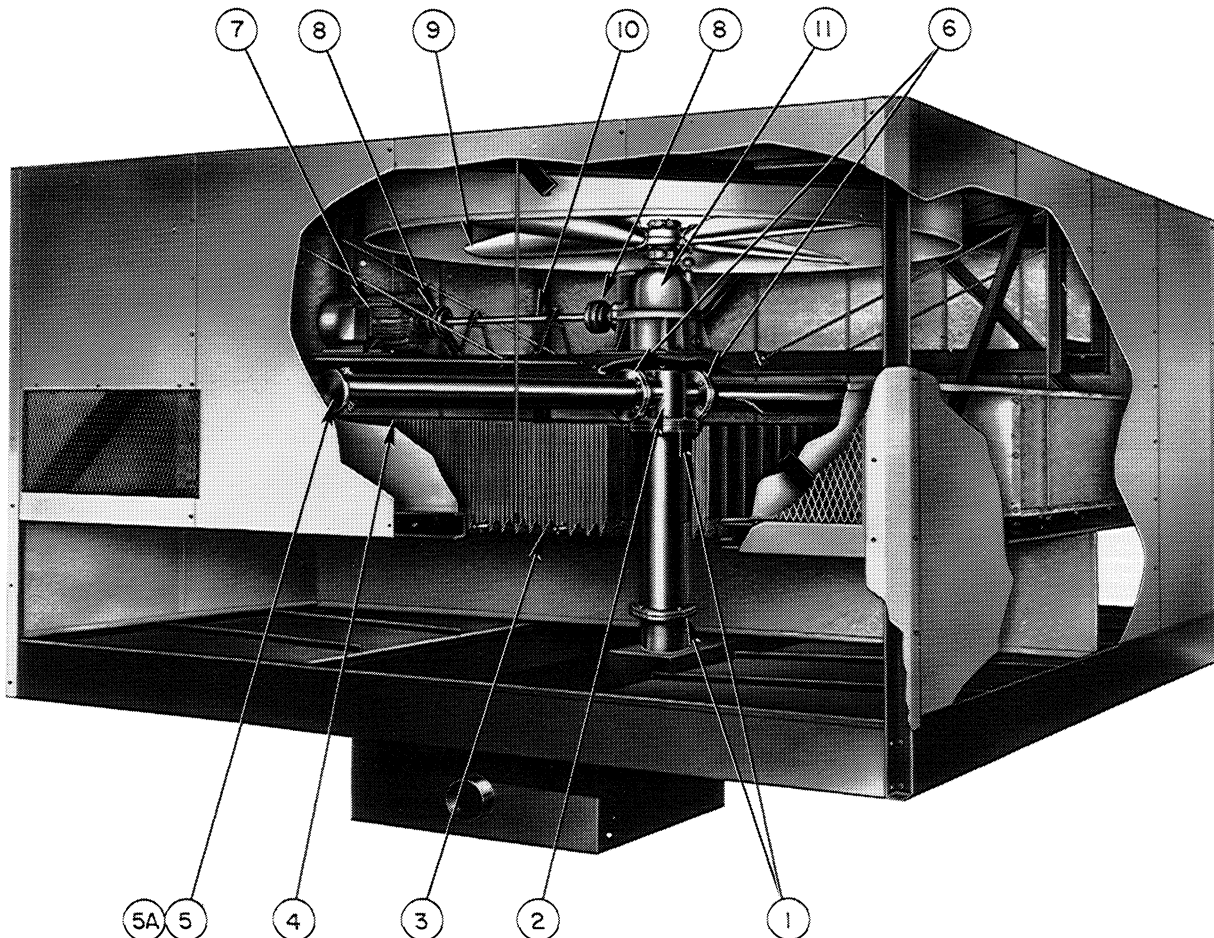




Cooling Tower sizes were listed originally as 22L1 thru 22L9.

Sizes are designated now by the nominal tonnage of the Towers, 22L170 thru 22L500.

The cross reference for sizes are as follows:

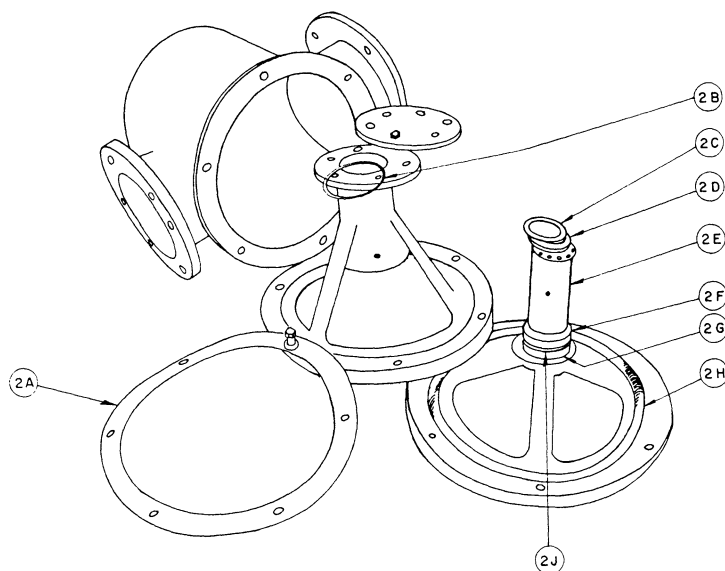
22L170	was	22L1	22L355	was	22L6
22L200	was	22L2	22L400	was	22L7
22L235	was	22L3	22L450	was	22L8
22L270	was	22L4	22L500	was	22L9
22L315	was	22L5			



COOLING TOWER

22L

ITEM	DESCRIPTION	PART NUMBER	AMOUNT REQUIRED FOR 22L-								
			170	200	235	270	315	355	400	450	500
1	Gasket Riser Pipe 8"	22L1-1092	2	2	2	2	2	2	2	2	2
2	Rotary Header Brg. Assy. See Page 4 for details.	22L1-179	1	1	1	1	1	1	1	1	1
3	Fill (Boxes)	22L1-C414	7	8	9	11	12	14	15	17	19
	One Box Contains 6 Boards										
4	Baffle-Fabric Reinforced 53½"	22L1-1142	2								
	Baffle-Fabric Reinforced 59½"	22L2-1142		2							
	Baffle-Fabric Reinforced 65½"	22L3-1142			2						
	Baffle-Fabric Reinforced 71½"	22L4-1142				2					
	Baffle-Fabric Reinforced 77½"	22L5-1142					2				
	Baffle-Fabric Reinforced 83½"	22L6-1142						2			
	Baffle-Fabric Reinforced 89½"	22L7-1142							2		
	Baffle-Fabric Reinforced 95½"	22L8-1142								2	
	Baffle-Fabric Reinforced 101½"	22L9-1142									2
*5	End Cap Assembly 5"	22L1-143	* Note: Two (2) required per unit. Size determined by size of Header Arm.								
*5A	Gasket 4-9/16"	22L1-1072									
*5	End Cap Assembly 6-1/16"	22L2-143									
*5A	Gasket 5-5/8"	22L2-1072									
*5	End Cap Assembly 7-1/8"	22L4-143									
*5A	Gasket 6-11/16"	22L4-1072									
*5	End Cap Assembly 9-1/8"	22L7-143									
*5A	Gasket 8-11/16"	22L7-1072									
*6	Gasket - Header Arm 8-7/8"	22L1-1112									
	Gasket - Header Arm 9-15/16"	22L4-1112									
	Gasket - Header Arm 12-1/16"	22L7-1112									



Rotary Header Bearing Assembly

ITEM	DESCRIPTION	PART NUMBER	AMOUNT REQUIRED FOR 22L-								
			170	200	235	270	315	355	400	450	500
2	Rotary Header Brg Assy Incl:	22L1-179	1	1	1	1	1	1	1	1	1
2A	Gasket-Housing	22L1-1092	1	1	1	1	1	1	1	1	1
2B	"O" Ring	KK71GZ-031	1	1	1	1	1	1	1	1	1
2C	Disc	22L1-1061	1	1	1	1	1	1	1	1	1
2D	Thrust Bearing	KT01CF-118	1	1	1	1	1	1	1	1	1
2E	Shaft	22L1-1093	1	1	1	1	1	1	1	1	1
2F	Radial Bearing	KT01CG-118	1	1	1	1	1	1	1	1	1
2G	Seal (Johns-Mansville) *	KT90VZ-122	1	1	1	1	1	1	1	1	1
2G	Seal (Garlock) *	KT90BL-181	1	1	1	1	1	1	1	1	1
2H	Rotating Seal Ring	22L1-1252	1	1	1	1	1	1	1	1	1
2J	Felt Seal	22L1-1102	1	1	1	1	1	1	1	1	1

* Garlock Seals are used on towers with serial numbers: 136, 137, 138, 139, 141, 142, 143, 145, 146, 147, 150, 151, 153, 154, 155, 156, 173, CH-199, AT101, AT102, AT103, 59P-101, 59P-102, 59P-103, 59P-104, 59P-105, 59P-106, 59P-108.
Johns-Mansville Seals are used on all other Towers.



COOLING TOWER

22L

ITEM	DESCRIPTION	PART NUMBER	AMOUNT REQUIRED FOR 22L								
			170	200	235	270	315	355	400	450	500
MOTOR GROUP - BELT OR GEAR DRIVE											
7	MOTOR INFORMATION ON APPLICATION ONLY. WHEN ORDERING MOTORS, GIVE COMPLETE MOTOR NAMEPLATE DATA AND UNIT SIZE.										
COUPLING GROUP											
8	Coupling	KS03SU-162	2								
	Coupling	KS03SU-165		2							
	Coupling	KS03SU-168			2	2					
	Coupling	KS03SU-182					2				
	Coupling	KS03SU-185						2	2		
	Coupling	KS03SU-188								2	
	Coupling	KS03SU-202									2
FAN GROUP - GEAR AND BELT DRIVE UNIT											
9	Fan Assembly *	LA01TA-085	1								
	Fan Assembly **	LA01TA-086	1								
	Fan Assembly *	LA01TA-096		1							
	Fan Assembly **	LA01TA-097		1							
	Fan Assembly †	LA01TA-103			1	1					
	Fan Assembly †	LA01TA-120					1				
	Fan Assembly †	LA01TA-121						1			
	Fan Assembly †	LA01TA-132							1		
	Fan Assembly †	LA01TA-133								1	1
10	Shaft (Motor to Gear)	22L1-1013	1								
	Shaft (Motor to Gear)	22L2-1013		1							
	Shaft (Motor to Gear)	22L3-1013			1						
	Shaft (Motor to Gear)	22L4-1013				1					
	Shaft (Motor to Gear)	22L5-1013					1				
	Shaft (Motor to Gear)	22L6-1013						1			
	Shaft (Motor to Gear)	22L7-1013							1		
	Shaft (Motor to Gear)	22L8-1013								1	
	Shaft (Motor to Gear)	22L9-1013									1

NOTE: * For Gear Drive Units only.
 ** For Belt Drive Units only.
 † For Belt or Gear Drive.



COOLING TOWER

22L

ITEM	DESCRIPTION	PART NUMBER	AMOUNT REQUIRED FOR 22L-								
			170	200	235	270	315	355	400	450	500
GEAR GROUP - GEAR DRIVE UNIT											
11	Gear Reducer	KS53CR-170	1								
	Gear Reducer	KS53CR-165		1							
	Gear Reducer	KS53CR-210			1	1					
	Gear Reducer	KS53CR-205					1				
	Gear Reducer	KS53CR-225						1			
	Gear Reducer	KS53CR-230							1		
	Gear Reducer	KS53CR-250								1	
	Gear Reducer	KS53CR-245									1
NS	"O" Ring - Gear	KK71GV-033	1	1							
	O" Ring - Gear	KK71GV-038			1	1	1				
	O" Ring - Gear	KK71GV-044						1	1		
	"O" Ring - Gear	KK71GV-048								1	1
NS	Oil Seal - Gear	KS59ZZ-120	1	1							
	Oil Seal - Gear	KS59ZZ-141			1	1	1				
	Oil Seal - Gear	KS59ZZ-121						1	1		
	Oil Seal - Gear	KS59ZZ-179								1	1
NS	Felt Seal - Gear	KS59ZZ-165	1	1							
	Felt Seal - Gear	KS59ZZ-241			1	1	1				
	Felt Seal - Gear	KS59ZZ-301						1	1		
	Felt Seal - Gear	KS59ZZ-381								1	1
BEARING GROUP - BELT DRIVE UNIT											
	Pillow Block Bearing	KT63CU-130	2	2							
	Pillow Block Bearing	KT63CU-140			2	2	2				
	Pillow Block Bearing	KT63CU-160						2	2		
	Pillow Block Bearing	KT63CU-178								2	2

ITEM	DESCRIPTION	PART NUMBER	AMOUNT REQUIRED FOR 22L-									
			170	200	235	270	315	355	400	450	500	
NS			BELT GROUP - BELT DRIVE UNIT									
	Belt (B144)	KR20BA-147	2									
	Belt (B173)	KR20BA-176		2								
	Belt (B240)	KR20BA-243			4					6	6	
	Belt (B180)	KR20BA-183				4						
	Belt (B210)	KR20BA-213					4		6			
	Belt (B195)	KR20BA-198						5				
NOTE: Belts to be purchased locally. Only Goodyear Tire & Rubber "Green Seal, HY-T" Belts to be used. Belts to be smooth, un-notched and matched at 65 Lb. tension.												
NS			MOTOR SHEAVES - BELT DRIVE UNIT									
	Motor Sheaves											
	(P.D. 5.0; Bore 1-1/8")	KR42BE-014	1									
	(P.D. 5.8; Bore 1-1/8")	KR42BE-814		1								
	(P.D. 5.4; Bore 1-5/8")	KR44BE-422			1	1	1					
	(P.D. 5.4; Bore 1-5/8")	KR45BE-422						1				
	(P.D. 5.0; Bore 1-5/8")	KR46BE-022							1	1		
	(P.D. 5.4; Bore 1-5/8")	KR46BE-422									1	
NS			FAN SHEAVES - BELT DRIVE UNIT									
	Fan Sheaves											
	(P.D. 20.0; Bore 1-3/4")	KR42BV-024	1									
	(P.D. 25.0; Bore 1-3/4")	KR42BX-024		1								
	(P.D. 25.0; Bore 2")	KR44BX-028			1	1						
	(P.D. 30.0; Bore 2")	KR44BY-028					1					
	(P.D. 30.0; Bore 2-1/4")	KR45BY-032						1				
	(P.D. 30.0; Bore 2-1/4")	KR46BY-032							1			
	(P.D. 30.0; Bore 2-1/2")	KR46BY-036								1	1	
NS			MISCELLANEOUS GROUP									
	Vibra-Switch	HN90RF-022	1	1	1	1	1	1	1	1	1	
	Slinger (Belt Drive)	LF39WZ-058	2	2	2	2	2	2	2	2	2	