



Domestic[®] Pump Series CU[™] & UH[™]

UNDERGROUND CONDENSATE UNITS



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How to Use this Parts List

The nameplate identifies the unit by its model number and capacities are noted. Specific pump information is determined by identifying the model number, sump depth and the motor horsepower (which is noted on the motor nameplate).

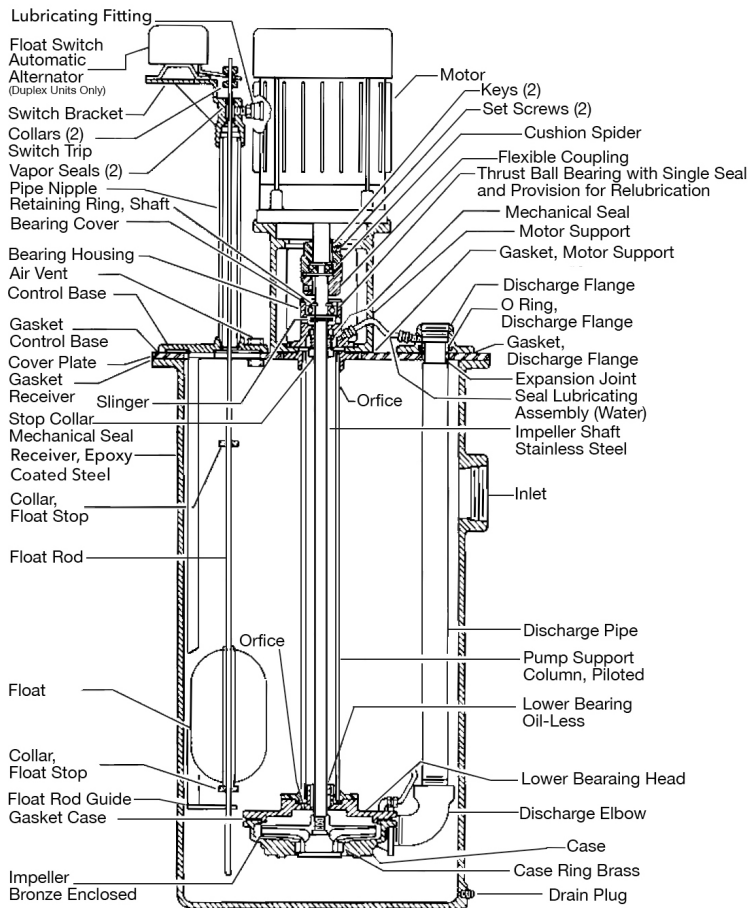
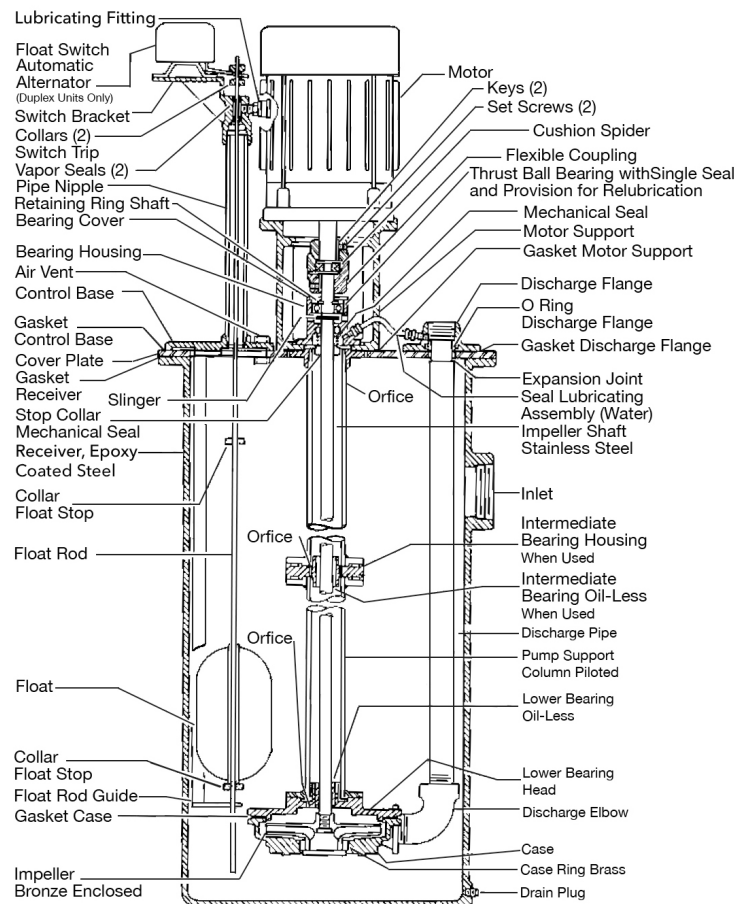
TM		
SERIES TM		
MODEL		
SERIAL		
GPM	PSI	PUMP
CFM	IN HG.	PUMP
DWGS		
POWER V.	PH.	HZ 60
CONTROL V.	PH. 1	HZ 60
TOTAL F.L. AMP	LARGEST MOTOR F.L. AMP	
Bell & Gossett a xylem brand		

The following procedure will result in proper parts selection:

1. Determine from the nameplate the unit model number and its pumping capacity.
2. Refer to the motor nameplate to determine the correct motor horsepower.
3. Refer to installation records or plans to determine sump depth. In the event that the depth is not specified, physical measurements may be required or consult the factory serial record.
4. Refer to the index to identify the appropriate page for parts selection.
5. Using the appropriate referenced drawings, select the parts.

PUMP SELECTION TABLES FOR CU SERIES UNDERGROUND UNITS

Square Foot EDR	GPM	PSI	Typical Motor HP	Discharge Size	Model Number	Pump Model	Impeller Diameter
1000 to 10000	10	15	1/2	1 1/2	101.5 CU	UG616	3 1/2
		20	1/2		102 CU	UG616	3 3/4
		25	1/2		102.5 CU	UG616	4 1/16
		30	3/4		103 CU	UG616	4 9/16
		40	1		104 CU	UG617	5
		50	1 1/2		105 CU	UG617	5 1/2
15000	15	15	1/2	1 1/2	151.5 CU	UG616	3 1/2
		20	1/2		152 CU	UG616	3 3/4
		25	3/4		152.5 CU	UG616	4 1/8
		30	3/4		153 CU	UG616	4 7/16
		40	1		154 CU	UG617	4 7/8
		50	1 1/2		155 CU	UG617	5 9/16
20000	20	15	1/2	1 1/2	201.5 CU	UG616	3 1/2
		20	1/2		202 CU	UG616	3 3/4
		25	3/4		202.5 CU	UG616	4 1/8
		30	1		203 CU	UG616	4 3/8
		40	1 1/2		204 CU	UG617	4 15/16
		50	2		205 CU	UG617	5 7/16
25000	25	15	1/2	1 1/2	251.5 CU	UG616	3 1/2
		20	1/2		252 CU	UG616	3 13/16
		25	3/4		252.5 CU	UG616	4 1/8
		30	1		253 CU	UG616	4 7/16
		40	1 1/2		254 CU	UG617	4 15/16
		50	2		255 CU	UG617	5 7/16
30000	30	15	1/2	1 1/2	301.5 CU	UG616	3 9/16
		20	3/4		302 CU	UG616	3 7/8
		25	3/4		302.5 CU	UG616	4 3/16
		30	1		303 CU	UG616	4 7/16
		40	1 1/2		304 CU	UG617	5
		50	2		305 CU	UG617	5 7/16
40000	40	15	3/4	1 1/2	401.5 CU	UG616	3 5/8
		20	3/4		402 CU	UG616	4
		25	1		402.5 CU	UG616	4 5/16
		30	1 1/2		403 CU	UG616	4 9/16
		40	2		404 CU	UG617	5 1/16
50000	50	15	3/4	1 1/2	501.5 CU	UG616	3 13/16
		20	1		502 CU	UG616	4 1/8
		25	1 1/2		502.5 CU	UG616	4 3/8
		30	1 1/2		503 CU	UG626	4 1/4
70000	70	15	1 1/2	2	701.5 CU	UG626	3 1/2
		20	1 1/2		702 CU	UG626	3 3/4
		25	2		702.5 CU	UG626	4
		30	2		703 CU	UG626	4 1/8
90000	90	15	1 1/2	2	901.5 CU	UG626	3 11/16
		20	2		902 CU	UG626	3 15/16
		25	3		902.5 CU	UG626	4 1/4
		30	3		903 CU	UG626	4 1/2

**2DPU04 36" Deep****2DPU02 48" Deep****FIG. 6 FOR CLARITY OF ILLUSTRATION, SOME PARTS ARE SHOWN DISPLACED**

UNDERGROUND 616 (UG616)

PART NAME	36" DEEP BASIN	48" DEEP BASIN
Rubber Insert for Flexible Coupling	P45540	P45540
Coupling Key	P49360	P49360
Coupling Guard	DP0560	DP0560
Motor Support	DM0412	DM0412
Upper Ball Bearing	DP0905	DP0905
Lower Bearing ¹	DP3578	DP3578
Shaft Retaining Ring	DF0489	DF0489
Upper Bearing Housing	DP3572	DP3572
Upper Bearing Housing Cover	DP3571	DP3571
Mechanical Seal	DP0294	DP0294
Seal Collar	DP0840	DP0840
Collar Set Screws (2 req.)	P01808	P01808
Pump Shaft	DP0753	DP0762
Support Column	DS0309	DS0309
Support Column Extension	Not Applicable	DS0310
Intermediate Bearing Housing	Not Applicable	DP3582
Intermediate Bearing	Not Applicable	DP3578
Discharge Elbow	DF0168	DF0168
Pump Head w/Bearing	DP3579	DP3579
Pump Case w/Wearing Ring	DP1606	DP1606
Wearing Ring	DP0482	DP0482
Impeller	DP0338	DP0338
Impeller Locknut or Screw	DJ0026	DJ0026
Impeller Washer	DJ0275	DJ0275
Discharge Pipe	DL1490	DL1490
Discharge Flange	DV0037	DV0037
O Ring for Discharge Flange	DG0200	DG0200
Motor Support Gasket	DG0147	DG0147
Discharge Flange Gasket	DG0123	DG0123
Pump Head Gasket	DG0086	DG0086
Bearing Housing Gasket	DG0062	DG0062
Water Slinger	DP0850	DP0850

(¹) For units manufactured before 1992, a Pump Head with Bearing should be furnished instead of lower bearing only due to design changes.

UNDERGROUND 617 (UG617)

PART NAME	36" DEEP BASIN	48" DEEP BASIN
Rubber Insert for Flexible Coupling	P45540	P45540
Coupling Key	P49360	P49360
Coupling Guard	DP0560	DP0560
Motor Support	DM0412	DM0412
Upper Ball Bearing	DP0905	DP0905
Lower Bearing ¹	DP3578	DP3578
Shaft Retaining Ring	DF0489	DF0489
Upper Bearing Housing	DP3572	DP3572
Upper Bearing Housing Cover	DP3571	DP3571
Mechanical Seal	DP0294	DP0294
Seal Collar	DP0840	DP0840
Collar Set Screws (2 req.)	P01808	P01808
Pump Shaft	DP0753	DP0762
Support Column	DS0309	DS0309
Support Column Extension	Not Applicable	DS0310
Intermediate Bearing Housing	Not Applicable	DP3582
Intermediate Bearing	Not Applicable	DP3578
Discharge Elbow	DF0168	DF0168
Pump Head w/Bearing	DP3581	DP3581
Pump Case w/Wearing Ring	DP1607	DP1607
Wearing Ring	DP0482	DP0482
Impeller	DP0348	DP0348
Impeller Locknut or Screw	DJ0026	DJ0026
Impeller Washer	DJ0275	DJ0275
Discharge Pipe	DL1490	DL1492
Discharge Flange	DV0037	DV0037
O Ring for Discharge Flange	DG0200	DG0200
Motor Support Gasket	DG0147	DG0147
Discharge Flange Gasket	DG0123	DG0123
Pump Head Gasket	DG0087	DG0087
Bearing Housing Gasket	DG0062	DG0062
Water Slinger	DP0850	DP0850

(¹) For units manufactured before 1992, a Pump Head with Bearing should be furnished instead of lower bearing only due to design changes.

UNDERGROUND 626 (UG626)

PART NAME	36" DEEP BASIN
Rubber Insert for Flexible Coupling	P45540
Coupling Key	P49360
Coupling Guard	DP0560
Motor Support	DM0412
Upper Ball Bearing	DP0905
Lower Bearing ¹	DP3578
Shaft Retaining Ring	DF0489
Upper Bearing Housing	DP3572
Upper Bearing Housing Cover	DP3571
Mechanical Seal	DP0294
Seal Collar	DP0840
Collar Set Screws (2 req.)	P01808
Pump Shaft	DP0753
Support Column	DS0309
Support Column Extension	Not Applicable
Intermediate Bearing Housing	Not Applicable
Intermediate Bearing	Not Applicable
Discharge Elbow	DF0202
Pump Head w/Bearing	DP3580
Pump Case w/Wearing Ring	DP1629
Wearing Ring	DP0483
Impeller	DP0392
Impeller Locknut or Screw	DJ0026
Impeller Washer	DJ0275
Discharge Pipe	DL1505
Discharge Flange	DL1903
O Ring for Discharge Flange	DG0201
Motor Support Gasket	DG0147
Discharge Flange Gasket	DG0124
Pump Head Gasket	DG0086
Bearing Housing Gasket	DG0062
Water Slinger	DP0850

(¹) For units manufactured before 1992, a Pump Head with Bearing should be furnished instead of lower bearing only due to design changes.

MECHANICAL ALTERNATOR ASSEMBLY

DESCRIPTION	36" Deep	48" Deep
Complete Assembly	DA0377	DA0378
Float Ball	DA0167	DA0167
Switch Collar (2 req)	DA0175	DA0175
Collar (Float Stop) (2 req)	DA0176	DA0176
Support	DA0250	DA0250
Support Base	DA0260	DA0260
Float Rod	DA0261	DA0262
Float Rod Guide	DA0264	DA0265
Mechanical Alternator	DA0327	DA0327
Gasket	DG0118	DG0118
Vapor Seal (2 req)	DG0190	DG0190
Capscrew (4 req)	DJ0015	DJ0015
Capscrew (6 req)	DJ0066	DJ0066
Washer (2 req)	DJ0265	DJ0265
Nipple	DL0081	DL0081
Lubricating Fitting	CP-733-105-022	

FLOAT SWITCH ASSEMBLY

DESCRIPTION	36" Deep	48" Deep
Complete Assembly	DA0420	DA0425
Float Ball	DA0167	DA0167
Switch Collar (2 req)	DA0175	DA0175
Collar (Float Stop) (2 req)	DA0176	DA0176
Support	DA0252	DA0252
Support Base	DA0260	DA0260
Float Rod	DA0261	DA0262
Float Rod Guide	DA0264	DA0265
Float Switch	DE0948	DE0948
Gasket	DG0118	DG0118
Vapor Seal (2 req)	DG0190	DG0190
Capscrew (4 req)	DJ0015	DJ0015
Capscrew (6 req)	DJ0066	DJ0066
Washer (2 req)	DJ0265	DJ0265
Nipple	DL0081	DL0081
Lubricating Fitting	CP-733-105-022	

HIGH EFFICIENT ODP MOTOR ASSEMBLY & RELATED COMPONENTS

HP	PHASE	ASSEMBLY PART NUMBER	MOTOR PART NUMBER	COUPLING PART NUMBER	KEY PART NUMBER	PIN PART NUMBER
1/2*	1	DM0251	DM0020	DP0503	Not Applicable	DJ0449
1/2*	3	DM0252	DM0029	DP0503	Not Applicable	DJ0449
3/4	1	DM0253	M99255	DP0503	P49360	Not Applicable
3/4	3	DM0254	DM0436	DP0503	P49360	Not Applicable
1*	1	DM0255	DM0055	DP0503	Not Applicable	DJ0449
1	3	DM0257	DM0435	DP0503	P49360	Not Applicable
1 1/2*	1	DM0258	DM0070	DP0503	Not Applicable	DJ0449
1 1/2	3	DM0260	DM0434	DP0505	P49369	Not Applicable
2*	1	DM0261	DM0090	DP0503	Not Applicable	DJ0449
2	3	DM0263	DM0437	DP0505	P49369	Not Applicable
3	3	DM0265	DM0438	DP0505	P49369	Not Applicable

PREMIUM EFFICIENT ODP MOTOR ASSEMBLY & RELATED COMPONENTS

HP	PHASE	VOLTAGE	ASSEMBLY PART NUMBER	MOTOR PART NUMBER	COUPLING PART NUMBER	KEY PART NUMBER	PIN PART NUMBER
1/2*	3	200	DM1252	DM1029	DP0503	Not Applicable	DJ0449
1/2*	3	230/460	DM2252	DM2029	DP0503	Not Applicable	DJ0449
3/4	3	200	DM1254	DM1436	DP0503	P49360	Not Applicable
3/4	3	230/460	DM2254	DM2436	DP0503	P49360	Not Applicable
1	3	200	DM1257	DM1435	DP0503	P49360	Not Applicable
1	3	230/460	DM2257	DM2435	DP0503	P49360	Not Applicable
1 1/2	3	200	DM1260	DM1434	DP0505	P49369	Not Applicable
1 1/2	3	230/460	DM2260	DM2434	DP0505	P49369	Not Applicable
2	3	200	DM1263	DM1437	DP0505	P49369	Not Applicable
2	3	230/460	DM2263	DM2437	DP0505	P49369	Not Applicable
3	3	200	DM1265	DM1438	DP0505	P49369	Not Applicable
3	3	230/460	DM2265	DM2438	DP0505	P49369	Not Applicable

* Notes that Standard Motors are modified by removal of threaded tip at the factory and the motor side coupling halves are pinned in position, only for motor assemblies.



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