

PERFECT WATER
THROUGHOUT THE HOME

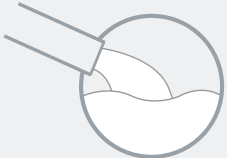
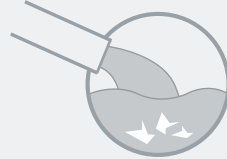
QUICK SELECTION GUIDE

FOR DRAINAGE

WASTE WATER - PUMP SELECTION

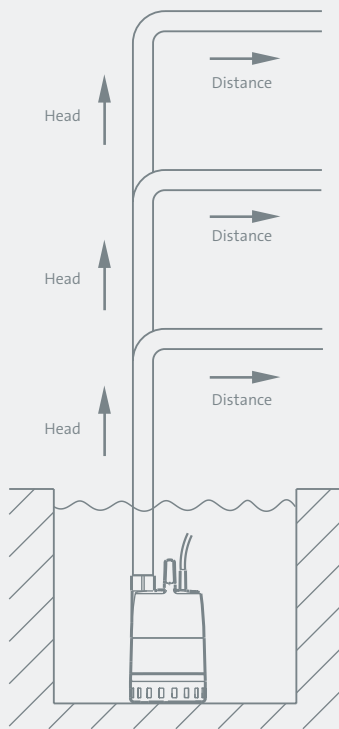
Use the tables below to select the best Grundfos pump for any type of wastewater task. Once you've settled on a pump model, use the corresponding sizing guide to get the perfect fit.

DRAINAGE

		Max. solid size [mm]	
 <p>Drainage For portable use or permanent installation, clean or greywater and salt water*</p>	Light duty	10 mm	UNILIFT CC
		10 mm	UNILIFT KP
	Heavy duty	12 mm	UNILIFT AP12
 <p>Effluent Surface- and rainwater as well as greywater from sanitary appliances</p>		35 mm	UNILIFT AP35
		35 mm	UNILIFT AP35B
		50 mm	UNILIFT AP50
 <p>Sewage/Domestic wastewater Domestic wastewater with toilet discharge</p>		50 mm	UNILIFT AP50B

* Only special version of UNILIFT CC 7 and 9

DRAINAGE - QUICK SIZING



Ex. sizing and selection

- Select the best Grundfos pump for the type of wastewater task you need to solve:**
- Use the table on previous page
- Find the right pump:**
- How head: 9 m
- How long distance: 400 m
- Result: AP12.50.11**

	AP12.40.08	AP12.50.11
Head \ Distance		
14 m		Max. 95 m
12 m	Max. 1 m	Max. 200 m
10 m	Max. 150 m	Max. 410 m
8 m	Max. 310 m	Max. 620 m

The selection and sizing illustration is based on an inner diameter of a DN 32 discharge pipe and secure a self cleaning velocity inside the pipe.




UNILIFT CC

	CC 5	CC 7	CC 9
Head \ Distance			
7 m			Max. 45 m
6 m			Max. 80 m
5 m		Max. 15 m	Max. 115 m
4,5 m		Max. 35 m	Max. 130 m
4 m		Max. 50 m	Max. 150 m
3 m		Max. 80 m	Max. 180 m
2,5 m	Max. 10 m	Max. 100 m	Max. 200 m
2 m	Max. 25 m	Max. 110 m	Max. 215 m


DRAINAGE - QUICK SIZING

 <p>UNILIFT KP</p>	The selection and sizing illustration is based on an inner diameter of a DN 32 discharge pipe and secure a self cleaning velocity inside the pipe.			
		KP 150	KP 250	KP 350
	Head \ Distance			
	7 m			Max. 25 m
	6 m		Max. 20 m	Max. 60 m
	5 m		Max. 50 m	Max. 95 m
	4 m		Max. 85 m	Max. 130 m
	3,5 m	Max. 15 m	Max. 105 m	Max. 145 m
	3 m	Max. 30 m	Max. 120 m	Max. 160 m
	2 m	Max. 65 m	Max. 160 m	Max. 195 m

 <p>UNILIFT AP12</p>	The selection and sizing illustration is based on an inner diameter of a 1 1/2" pipe for UNILIFT AP12.40 and 2" pipe for UNILIFT AP12.50 and secure a self cleaning velocity inside the pipe.				
		AP12.40.04	AP12.40.06	AP12.40.08	AP12.50.11
	Head \ Distance				
	14 m				Max. 8 m
	12 m			Max. 40 m	Max. 115 m
	10 m		Max. 60 m	Max. 130 m	Max. 250 m
	8 m	Max. 45 m	Max. 150 m	Max. 220 m	Max. 370 m
	6 m	Max. 135 m	Max. 240 m	Max. 310 m	Max. 490 m
	4 m	Max. 225 m	Max. 330 m	Max. 400 m	Max. 610 m
	2 m	Max. 320 m	Max. 420 m	Max. 495 m	Max. 735 m

DRAINAGE - QUICK SIZING

 <p>UNILIFT AP35</p>	The selection and sizing illustration is based on an inner diameter of a 1½" pipe and secure a self cleaning velocity inside the pipe.		
		AP35.40.06	AP35.40.08
	Head\Distance		
	9 m		Max. 30 m
	8 m		Max. 75 m
	7 m	Max. 35 m	Max. 120 m
	6 m	Max. 80 m	Max. 165 m
	5 m	Max. 130 m	Max. 215 m
	4 m	Max. 170 m	Max. 255 m
	3 m	Max. 220 m	Max. 305 m
2 m	Max. 265 m	Max. 350 m	

 <p>UNILIFT AP35B</p>	The selection and sizing illustration is based on an inner diameter of a 2" pipe and secure a self cleaning velocity inside the pipe.		
		AP35B.50.06	AP35B.50.08
	Head\Distance		
	9 m		Max. 15 m
	8 m		Max. 75 m
	7 m	Max. 20 m	Max. 135 m
	6 m	Max. 80 m	Max. 195 m
	5 m	Max. 140 m	Max. 260 m
	4 m	Max. 200 m	Max. 320 m
	3 m	Max. 260 m	Max. 385 m
2 m	Max. 325 m	Max. 440 m	

DRAINAGE - QUICK SIZING

 <p>UNILIFT AP50</p>	The selection and sizing illustration is based on an inner diameter of a 2" pipe and secure a self cleaning velocity inside the pipe.		
		AP50.50.08	AP50.50.11
	Head\Distance		
	9 m		Max. 55 m
	8 m		Max. 115 m
	7 m	Max. 45 m	Max. 175 m
	6 m	Max. 105 m	Max. 235 m
	5 m	Max. 165 m	Max. 295 m
	4 m	Max. 225 m	Max. 360 m
	3 m	Max. 285 m	Max. 405 m
2 m	Max. 350 m	Max. 480 m	

 <p>UNILIFT AP50B</p>	The selection and sizing illustration is based on an inner diameter of a 2" pipe and secure a self cleaning velocity inside the pipe.			
		AP50B.50.08	AP50B.50.11	AP50B.50.15
	Head\Distance			
	14 m			Max. 65 m
	12 m			Max. 190 m
	11 m		Max. 25 m	Max. 250 m
	10 m		Max. 85 m	Max. 310 m
	9 m		Max. 145 m	Max. 370 m
	8 m	Max. 45 m	Max. 205 m	Max. 430 m
	6 m	Max. 165 m	Max. 330 m	*
5 m	Max. 225 m	Max. 390 m	*	
4 m	Max. 285 m	Max. 450 m	*	
3 m	Max. 345 m	*	*	
2 m	Max. 490 m*	Max. 740 m*	Max. 1060 m*	

*The pumps shall not operate for longer time with this Head