

How to Choose the Right AC Pump Wet End & Motor

Determine Your Required Flow Rate

At the top of the pump chart, you'll see flow rates listed in thousands of litres per hour.

For example:

- 1.0 = 1,000 l/h
- 2.5 = 2,500 l/h

Find Your Pumping Head

On the left side of the chart, locate the head in metres – this is how high the water needs to be pumped vertically.

Locate the Correct Wet End

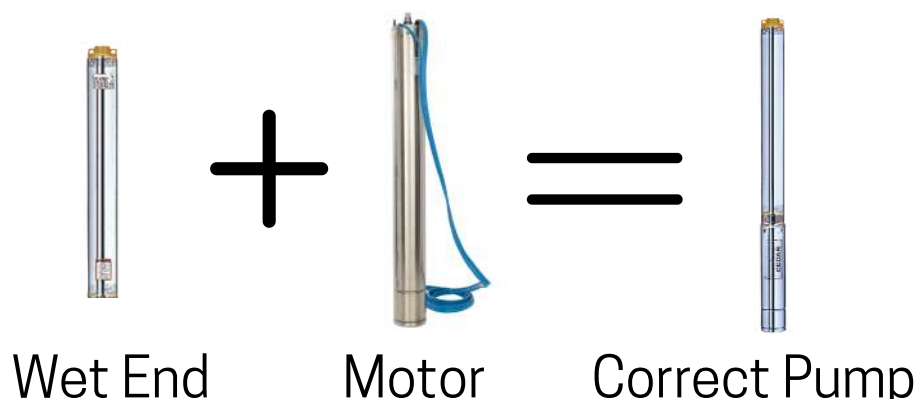
Trace across from your required head and down from your flow rate. Where they intersect is the wet end model number best suited to your needs.

Match the Wet End to the Right Motor

The last three digits of the wet end code indicate the motor size required. Use this to select a compatible motor that will power the wet end correctly.

Understanding the Wet End Code e.g. Uniflo XR404-48 - 0.75 Wet End

- Uniflo – This is the AC pump range from Cedar Pumps.
- XR404 – The model code breaks down like this:
 - "4" at the start refers to the pump size: 4-inch diameter, which fits most standard boreholes.
 - "04" at the end means the pump delivers 4 cubic metres per hour (or 4,000 litres/h) at optimal flow.
- 48 – This is the optimal head: the pump is best suited to push water up to 48 metres high.
- 0.75 – The wet end is designed to match a 0.75kW motor.



	4.2	4.8	5.4	6	7.2	8.4	9	9.6	10.8	12	12.6
10	XR404-29-0.37	XR404-29-0.37	XR404-29-0.37	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-37-1.50
20	XR404-29-0.37	XR404-39-0.55	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-21-0.75	XR410-29-1.10	XR410-29-1.10	XR410-70-3.00
30	XR404-39-0.55	XR404-48-0.75	XR410-29-1.10	XR410-29-1.10	XR410-29-1.10	XR410-29-1.10	XR410-29-1.10	XR410-37-1.50	XR410-37-1.50	XR410-53-2.20	XR410-90-4.00
40	XR404-48-0.75	XR404-68-1.10	XR410-37-1.50	XR410-37-1.50	XR410-37-1.50	XR410-37-1.50	XR410-37-1.50	XR410-53-2.20	XR410-53-2.20	XR410-70-3.00	XR410-119-5.50
50	XR404-68-1.10	XR404-87-1.50	XR410-37-1.50	XR410-53-2.20	XR410-53-2.20	XR410-53-2.20	XR410-53-2.20	XR410-70-3.00	XR410-70-3.00	XR410-90-4.00	
60	XR404-87-1.50	XR404-116-2.20	XR410-53-2.20	XR410-53-2.20	XR410-53-2.20	XR410-53-2.20	XR410-70-3.00	XR410-70-3.00	XR410-90-4.00	XR410-119-5.50	
70	XR404-87-1.50	XR404-116-2.20	XR410-53-2.20	XR410-53-2.20	XR410-70-3.00	XR410-70-3.00	XR410-70-3.00	XR410-90-4.00	XR410-90-4.00	XR410-119-5.50	
80	XR404-116-2.20	XR404-155-3.00	XR410-70-3.00	XR410-70-3.00	XR410-70-3.00	XR410-70-3.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-119-5.50	
90	XR404-116-2.20	XR404-155-3.00	XR410-70-3.00	XR410-70-3.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-119-5.50	XR410-145-7.50	
100	XR404-155-3.00	XR404-155-3.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-119-5.50	XR410-119-5.50	XR410-145-7.50	
110	XR404-155-3.00	XR404-178-4.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-90-4.00	XR410-119-5.50	XR410-119-5.50	XR410-145-7.50		
120	XR404-155-3.00	XR404-178-4.00	XR410-90-4.00	XR410-90-4.00	XR410-119-5.50	XR410-119-5.50	XR410-119-5.50	XR410-145-7.50	XR410-145-7.50		
130	XR404-178-4.00	XR404-178-4.00	XR410-119-5.50	XR410-119-5.50	XR410-119-5.50	XR410-119-5.50	XR410-119-5.50	XR410-145-7.50			
140	XR404-178-4.00	XR404-178-4.00	XR410-119-5.50	XR410-119-5.50	XR410-119-5.50	XR410-119-5.50	XR410-145-7.50				
150	XR404-178-4.00	XR404-178-4.00	XR410-119-5.50	XR410-119-5.50	XR410-119-5.50	XR410-145-7.50					
160	XR404-178-4.00	XR410-119-5.50	XR410-119-5.50	XR410-145-7.50	XR410-145-7.50	XR410-145-7.50					
170	XR404-178-4.00	XR410-145-7.50	XR410-145-7.50	XR410-145-7.50	XR410-145-7.50						
180	XR404-178-4.00	XR410-145-7.50	XR410-145-7.50	XR410-145-7.50	XR410-145-7.50						
190	XR404-242-5.50	XR410-145-7.50	XR410-145-7.50	XR410-145-7.50							
200	XR404-242-5.50	XR410-145-7.50									
250											
300											
320											

