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Document number	MCW - HVAC - 001
Revision	0.0
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Product	Optidrive HVAC

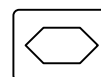
Title	Displaying RPM on the drives display
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Summary	This document gives information on how to show RPM on the drives display
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From default when running, the Optidrive HVAC's display will show motor frequency in Hz

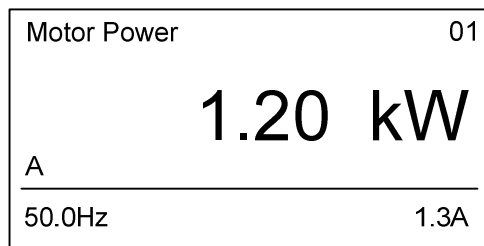
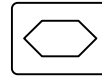
Output Frequency	01
50.0 Hz	
A	
1.3A	1.20kW

To see motor current on the display, press and release the 'Navigate button'



Motor Current	01
1.3 A	
A	
1.20kW	50.0Hz

To see motor power on the display, press and release the 'Navigate button'



If the Navigate button is pressed and released again, the display will go back to showing frequency.

If the user wants to see RPM on the display, the Motor Rated Speed parameter P1-10 needs to be set.

In the majority of applications, slip compensation, which is set by setting P1-10 is not required. Therefore if the user just wants to show RPM on the display, P1-10 should be set to the synchronous speed of the motor the drive is controlling:

Set P1-10 to:

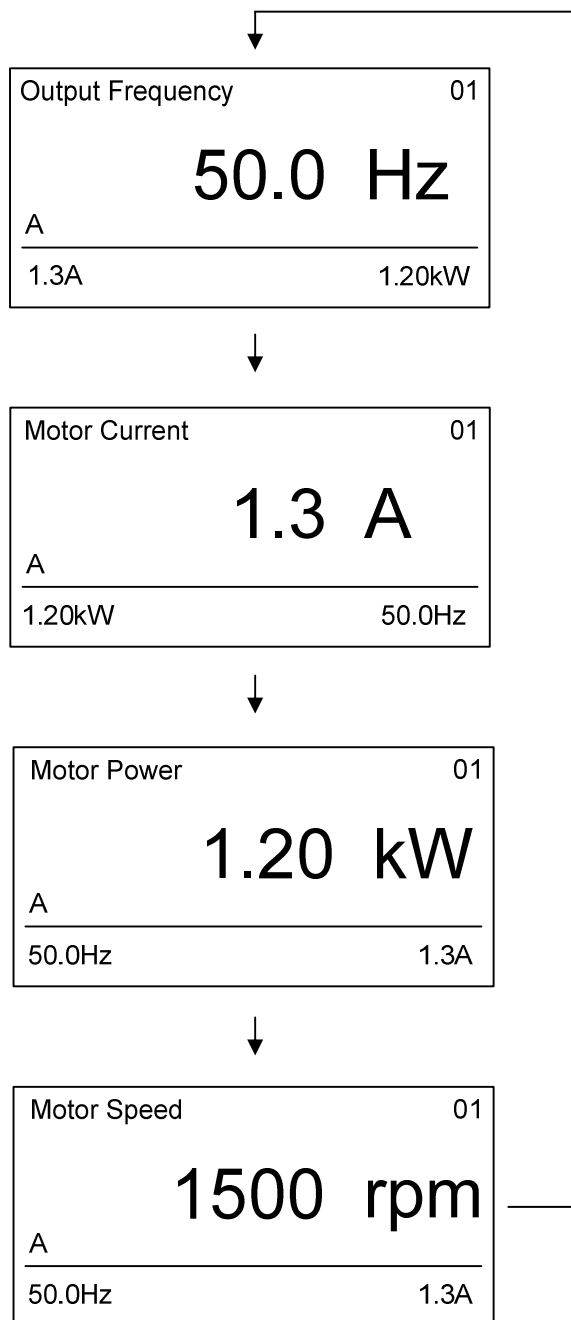
2 pole motor = 3000

4 pole motor = 1500

6 pole motor = 1000

8 pole motor = 750

Now when the Navigate button is pressed and released, the display will cycle as shown below:



Note: When parameter P1-10 is set to a value, the following speed parameters will be displayed in RPM rather than Hz:

Maximum speed (P1-01)

Minimum speed (P1-02)

Preset speeds (P2-01, P2-02, P2-03, P2-04, P2-05, P2-06, P2-07 & P2-08)

Skip frequency centre point (P2-09)

Skip frequency band width (P2-10)