

MD60: Overview

- V/Hz operation
- Horsepower Ratings: 0.25 to 5
- Built-in LED Display & Keypad
 - No need to add a separate keypad
 - Manual Speed Potentiometer
 - Built-in dynamic braking circuit
 - Select separate resistor for braking
- Finger-safe IP20 enclosure is standard.
 - Can be easily modified to accommodate NEMA 1 applications with a kit addition. The kit allows for a conduit connection.



Reliance Electric  Drives

MD60: Drive Ratings

Drive Ratings					
Input Voltage	kW	HP	Output Current	Model Number	Frame Size
115V, 50/60 Hz 1-Phase	0.2	0.25	1.5A	6MDVN-1P5101	A
	0.37	0.5	2.3A	6MDVN-2P3101	A
	0.75	1.0	4.5A	6MDVN-4P5101	B
230V, 50/60 Hz 1-Phase With Integral EMC Filter	0.2	0.25	1.5A	6MDAN-1P5111	A
	0.37	0.5	2.3A	6MDAN-2P3111	A
	0.75	1.0	4.5A	6MDAN-4P5111	A
230V, 50/60 Hz 1-Phase No Filter	1.5	2.0	8.0A	6MDAN-8P0111	B
	0.2	0.25	1.5A	6MDAN-1P5101	A
	0.37	0.5	2.3A	6MDAN-2P3101	A
	0.75	1.0	4.5A	6MDAN-4P5101	A
230V, 50/60 Hz 3-Phase	1.5	2.0	8.0A	6MDAN-8P0101	B
	0.2	0.25	1.5A	6MDBN-1P5101	A
	0.37	0.5	2.3A	6MDBN-2P3101	A
	0.75	1.0	4.5A	6MDBN-4P5101	A
	1.5	2.0	8.0A	6MDBN-8P0101	A
	2.2	3.0	12.0A	6MDBN-012101	B



Voltage Ratings:

- 100 to 120 V AC Input:
 - 1-phase input
 - 3-phase, 0 to 230 V output
- 200 to 240 V AC Input:
 - 1- or 3-phase input
 - 0 to 230 V output

Unicous Ac Drive User Manual

Lingjun Ying



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Disk Drive Dave Carlos,1985

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web we then changed the volume between 5ml and 20ml and recorded the pressure at each this part of the lab showed that

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web he concluded that at a constant pressure the volume of the gas would expand at a particular rate for each degree of temperature rise that being 1 267 per degree in 1874 victor regnault obtained better experimental results showing this number to be 1 273 and concluded that the pressure would approach zero at 1 273 degrees c

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web the volume of 1 00 mol 1 00 mol of any gas at stp standard temperature 273 15 k and pressure 1 atm is measured to be 22 414l 22 414 l we can substitute 101 325kpa 101 325 kpa for pressure 22 414 l 22 414 l for volume and 273 15 k 273 15 k for temperature into the ideal gas equation and solve for r r

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web chemists sometimes make comparisons against a standard temperature and pressure stp for reporting properties of gases 273 15 k and 1 atm 101 325 kpa 1 at stp one mole of an ideal gas has a volume of about 22 4 l this is referred to as the standard molar volume figure 9 18

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web volume pressure kPa linear pressure kPa volume mL pressure kPa in part b we observed the relationship between temperature and pressure the pressure of the 125 mL flask was at 101 36 kPa when the temperature was at 23 2 °C

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web the properties of water at constant volume can be represented as a function of pressure and temperature as shown in the diagram below figure 1 the pressure temperature relationship at constant volume the saturation point of water is the condition at which a phase change occurs from liquid to vapour or vapour to liquid

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the volume and the number of particles in each flask indicates relative amounts