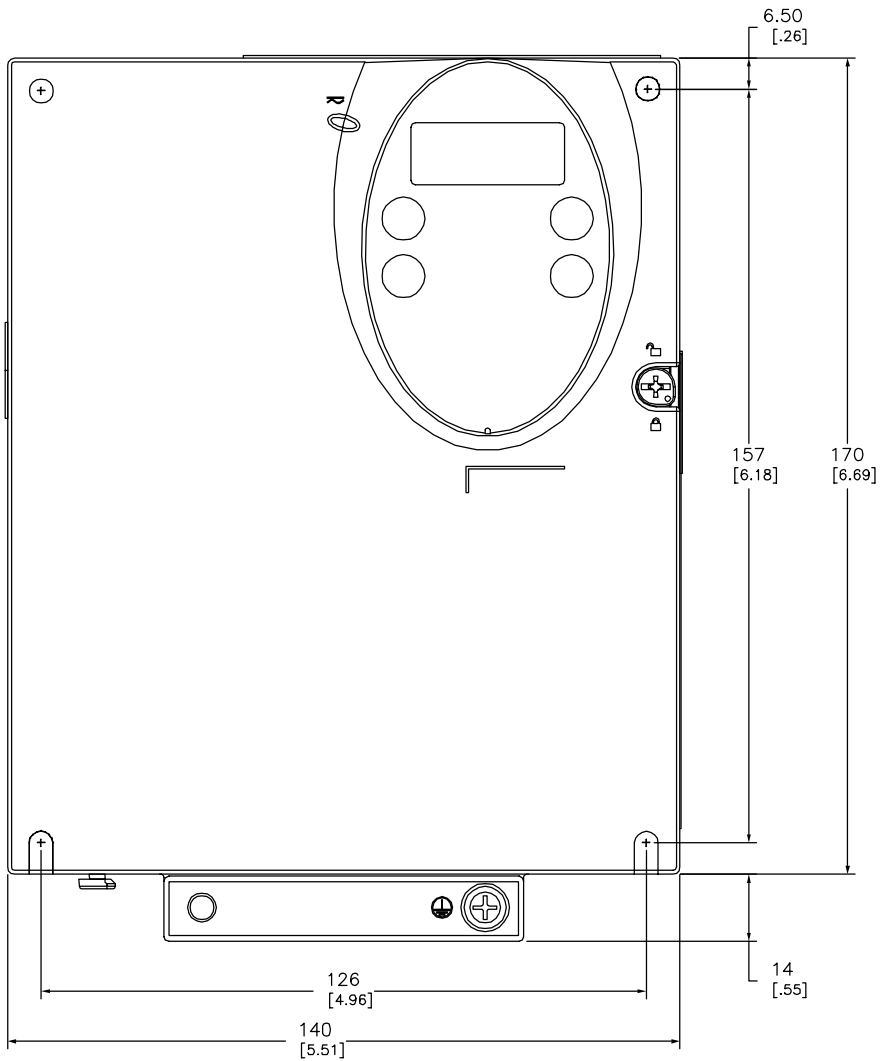


**Technical Characteristics**

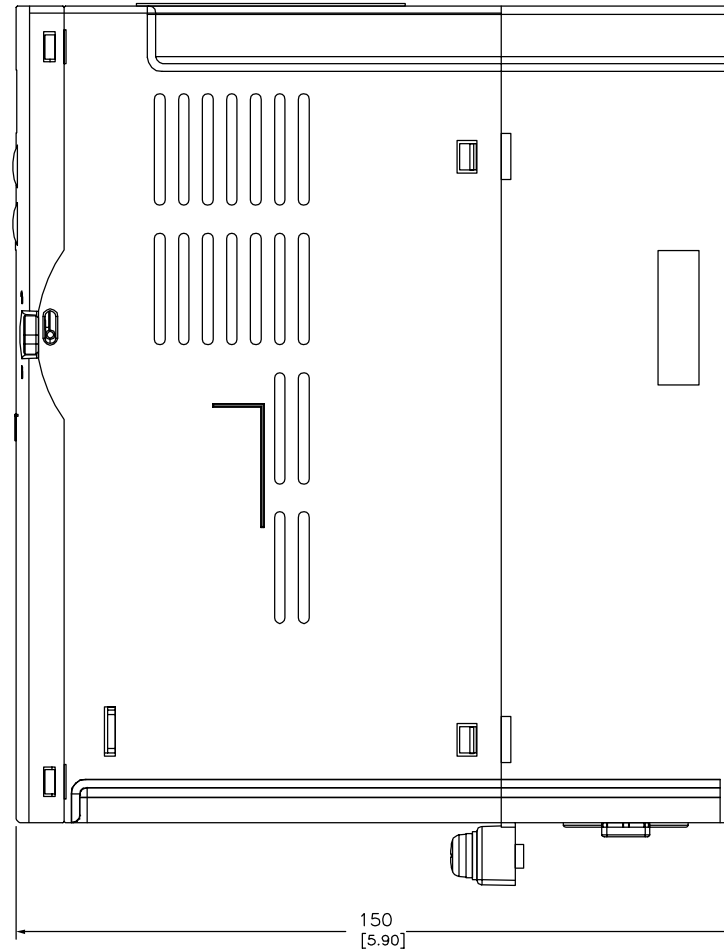
Output Current - Nominal	5.5A
Number of Functions	50
Operating Temperature Range	14 to 122 Degrees F (14 to 140 Degrees F without vent cover)
Horsepower Rating	3.0HP
Input Current	8.9A@400VAC - 6.7A@460VAC
Marketing Trade Name	Altivar 31
Supply Voltage	400-460VAC
Application	Industrial users and OEMs who specialize in material handling, pump, fan, packing, packaging and general purpose motor control
Approvals	UL Listed File: E164874 CNN NMMS - CSA Certified File: LR96921 Class 3211 06 - CE Marked
Catalog Reference Number	8800CT0401
Control Type	Sensorless Flux Vector
Enclosure Rating	IP20
For Use With	3-Phase asynchronous motors
Output Current - Transient	8.3A
Output Frequency Range	0 to 500Hz
Output Voltage	Maximum output voltage equal to input voltage
Type	ATV31
Depth	5.91 Inches
Height	7.24 Inches
Width	5.51 Inches
Weight	5.19 Pounds
Input Phase	3-Phase
Output Phase	3-Phase
Short Circuit Current Rating	5kA

**Shipping and Ordering**

Category	22152 -
Discount Schedule	CP4B
Article Number	785901601555
Package Quantity	1
Weight	6.84 lbs.
Availability Code	N
Returnability	Y



FRONT VIEW



RIGHT VIEW

CATALOG NUMBERS
ATV31HU22M2
ATV31HU30M3X
ATV31HU40M3X
ATV31HU22N4
ATV31HU30N4
ATV31HU40N4
ATV31HU22S6X
ATV31HU40S6X

DUAL DIMENSIONS: MILLIMETERS  
INCHES

NOTES:  
INCHES CALCULATED FROM THE METRIC DIMENSIONS BY: 1 INCH = 25.4 MM

ATV31H VFD  
FRAME SIZE 7  
FRONT AND RIGHT VIEW



DWG#  
NO. ATV3107