

OPTIONS - Pre-Engineered HVAC - ACI Construction Packages

The following packaged options are available for GV3000/SE. These options are factory installed only and are supplied in pre-engineered enclosure packages:

- **Main Input Disconnect** - provides a positive disconnect of all input power leads to the GV3000/SE. Each disconnect is supplied with a thru-the-door, padlockable handle.
- **Input Line Fuses** - consists of three Class J fuses in a fuse block. These fuses have an interrupting rating of 200,000 AIC.
- **Manual Contactor Bypass** - provides the means to run a motor directly on line power by effectively bypassing the GV3000/SE. This option consists of two magnetic contactors, one motor overload relay, and a separate inverter only disconnect.
- **Output Contactor** - provides a positive disconnect between the GV3000/SE and the motor.
- **Input Line Reactor** - consists of a three-phase, 3% impedance line reactor to minimize harmonics on the AC line and to protect the GV3000/SE from damaging electrical transients.
- **Enclosure Packages** - allows for housing the packaged options. Option enclosures for 1 HP through 50 and 60 HP (General Purpose) are available rated for NEMA 1 or NEMA 12 (except for the Multi-purpose Accessory box).

For 1 HP through 60 HP (General Purpose) applications, the GV3000/SE and the option enclosure are mounted to a common backpanel which is designed for wall mounting.



Enclosure packages will only be sold as completely assembled units with a mounted GV3000/SE. Four pre-engineered option package configurations are available and are as follows:

Disconnect Accessory Box

Includes a Main Disconnect
Optional Input Line Fuses

Output Contactor Accessory Box

Includes an Output Contactor
Optional Input Line Fuses
Optional Main Input Disconnect

Bypass Accessory Box

Includes Manual Bypass
Optional Input Line Fuses
Optional Main Input Disconnect

Multi-Purpose Accessory Box

Includes an Input Line Reactor
Optional Input Line Fuses
Optional Main Input Disconnect
Optional Manual Bypass
or
Optional Output Contactor

DISCOUNT: MS-1AC

GV3000/SE AC Drives

OPTIONS - Pre-Engineered HVAC - ACI Construction Packages

230 V GV3000/SE Packages - Wall Mount 1 - 20 HP¹

Horsepower	1	2	3	5	7.5	10	15	20
NEMA 1 GV3000/SE List	\$1,431	1,495	1,553	1,606	1,956	2,083	3,445	4,267
NEMA 12 GV3000/SE List	1,463	1,524	1,586	1,653	2,065	2,189	3,461	4,269
Disconnect Accessory Box Options								
NEMA 1 Option Enclosure w/ Main Input Disconnect List	1,268	1,268	1,268	1,268	1,268	1,505	2,257	2,257
Input Line Fuses List	158	158	158	178	185	337	337	488
NEMA 12 Option Enclosure List	300	300	300	300	300	300	300	300
Output Contactor or Bypass Accessory Box Options								
NEMA 1 Enclosures w/Output Contactor List or	1,630	1,630	1,630	1,630	1,643	1,961	2,364	2,377
NEMA 1 Enclosure w/Manual Bypass List	1,932	2,182	2,182	2,293	2,424	2,852	3,663	3,663
Input Line Fuses List	158	158	158	178	185	337	337	488
Main Input Disconnect List	262	262	262	262	262	413	737	1,702
NEMA 12 Option Enclosure List	300	300	300	300	300	300	300	300
Multi-Purpose Accessory Box Options								
NEMA 1 Option Enclosures w/ Input Line Reactor List	2,003	2,035	2,035	2,035	2,180	2,233	2,451	2,485
Manual Bypass List	932	932	1,185	1,185	1,185	1,323	1,603	1,714
Input Line Fuses List	158	158	158	178	185	337	337	488
Main Input Disconnect List	262	262	262	262	262	413	737	1,702
Output Contactor List	667	667	667	667	694	694	909	909

Note: When pricing an option package, shaded items must be included in total price before adding other options.

(1) Contact Reliance Electric for modifications other than those listed on this page.

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OPTIONS - Pre-Engineered HVAC - ACI Construction Packages 460 V GV3000/SE Packages - Wall Mount 1 - 15 HP¹

Horsepower	1	2	3	5	7.5	10	15
NEMA 1 GV3000/SE List	\$1,295	1,400	1,590	2,014	2,311	2,867	3,641
NEMA 12 GV3000/SE List	1,310	1,414	1,607	2,030	2,331	2,897	3,682
Disconnect Accessory Box Options							
NEMA 1 Option Enclosure w/Main Input Disconnect List	1,268	1,268	1,268	1,268	1,268	1,268	1,268
Input Line Fuses List	135	135	135	135	135	135	135
NEMA 12 Option Enclosure List	300	300	300	300	300	300	300
Output Contactor or Bypass Accessory Box Options							
NEMA 1 Enclosures w/Output Contactor List or	1,630	1,630	1,630	1,630	1,630	1,630	1,643
NEMA 1 Enclosure w/Manual Bypass List	1,932	1,932	1,932	1,932	2,185	2,185	2,185
Input Line Fuses List	135	135	135	135	135	135	175
Main Input Disconnect List	268	268	268	268	268	268	268
NEMA 12 Option Enclosure List	300	300	300	300	300	300	300
Multi-Purpose Accessory Box Options							
NEMA 1 Option Enclosures w/Input Line Reactor List	2,003	2,035	2,035	2,035	2,180	2,233	2,353
Manual Bypass List	932	932	932	932	1,185	1,185	1,185
Input Line Fuses List	135	135	135	135	135	135	175
Main Input Disconnect List	268	268	268	268	268	268	268
Output Contactor List	630	630	630	630	630	630	643

460 V GV3000/SE Packages - Wall Mount 20 - 60 HP¹

Horsepower	20	25G ⁽²⁾	25V ⁽²⁾	30	40	50	60G ⁽²⁾
NEMA 1 GV3000/SE List	\$4,330	4,701	6,238	7,722	8,692	9,249	11,342
NEMA 12 GV3000/SE List	4,376	4,748	6,304	7,803	8,787	9,348	11,455
Disconnect Accessory Box Options							
NEMA 1 Option Enclosure w/Main Input Disconnect List	1,505	1,757	1,757	2,257	2,257	3,208	3,208
Input Line Fuses List	175	310	310	317	317	611	611
NEMA 12 Option Enclosure List	300	300	300	300	300	300	300
Output Contactor or Bypass Accessory Box Options							
NEMA 1 Enclosures w/Output Contactor List or	1,961	1,961	1,961	2,364	2,377	2,475	2,613
NEMA 1 Enclosure w/Manual Bypass List	2,685	2,685	2,685	3,057	3,256	3,428	3,805
Input Line Fuses List	175	310	310	310	317	611	611
Main Input Disconnect List	330	447	447	572	572	781	781
NEMA 12 Option Enclosure List	300	300	300	300	300	300	300
Multi-Purpose Accessory Box Options							
NEMA 1 Option Enclosures w/Input Line Reactor List	2,388	2,457	2,565	2,791	2,842	3,114	3,114
Manual Bypass List	1,185	1,185	1,185	1,522	1,714	1,714	3,220
Input Line Fuses List	245	317	317	317	317	611	611
Main Input Disconnect List	330	447	447	572	572	781	781
Output Contactor List	714	714	714	835	835	835	1,260

Note: When pricing an option package, shaded items must be included in total price before adding other options.

(1) Contact Reliance Electric for modifications other than those listed on this page.

(2) "G" Indicates General Purpose (V/Hz) model. "V" indicates Vector Duty (UEC) and General Purpose (V/Hz) models.

Example #1: 1 HP GV3000/SE with input Disconnect and Fuses:	Example #2: 5 HP GV3000/SE with Bypass, line reactor, and Fuses:
1V4160 = \$1,295	5V4160 = \$2,014
Disconnect Accessory Box = \$1,268	Multipurpose Accessory Box = \$2,035
Input Fuses = \$135	Input Fuses = \$135
Total List = \$2,698 x VS-1AC	Bypass = \$932
	Total List = \$5,116 x VS-1AC

DISCOUNT: MS-1AC

GV3000/SE AC Drives

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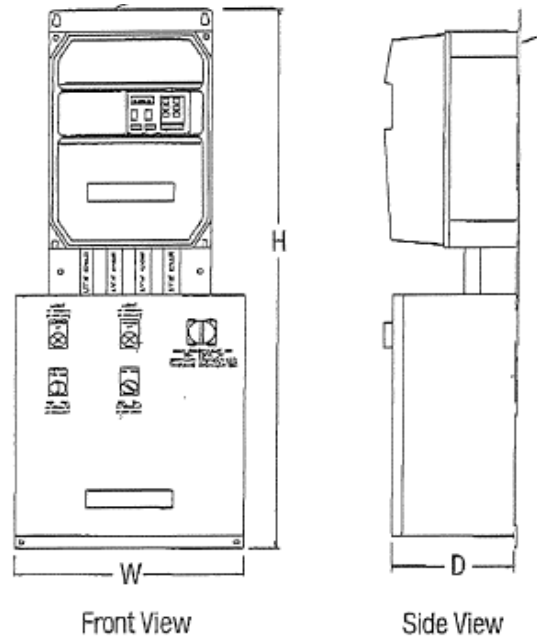
1 - 20 HP 230 V Wall Mount Enclosures

1 - 60 HP 460 V Wall Mount Enclosures

GV3000'SE & Disconnect Accessory Box				
HP @ 230 Volt	H	W	D	Wt.
1 - 7.5 HP	29.5"	12.3"	7.9"	30-36 lb.
10 HP	32"	12.3"	7.9"	36 lb.
15 - 20 HP	38.6"	14"	12.3"	51 lb.
HP @ 460 Volt	H	W	D	Wt.
1.5 HP	29.5"	12.3"	7.9"	30 lb.
7.5 - 10 HP	32"	12.3"	7.9"	36 lb.
15 - 20 HP	37"	12.3"	7.9"	51 lb.
25 (G) HP	37"	12.3"	9.5"	51 lb.
25(V) - 40 HP	44.9"	14"	13.8"	106 lb.
50 - 60(G) HP	54.7"	24"	13.8"	140 lb.

GV3000'SE & Output Contactor/Bypass Accessory Box				
HP @ 230 Volt	H	W	D	Wt.
1 - 5 HP	33.5"	16"	8.2"	40 lb.
7.5 HP	36"	16"	8.2"	46 lb.
10 HP	40"	16"	10.2"	46 lb.
15 - 20 HP	54.9"	24"	13.3"	61 lb.
HP @ 460 Volt	H	W	D	Wt.
1.5 HP	33.5"	16"	8.2"	40 lb.
7.5 - 10 HP	36"	16"	8.2"	46 lb.
15 - 20 HP	41"	16"	9.5"	51 lb.
25 (G) HP	45"	16"	10.9"	63 lb.
25(V) - 40 HP	54.7"	24"	13.8"	155 lb.
50 - 60(G) HP	60.7"	24"	13.8"	175 lb.

GV3000'SE & Output Contactor/Bypass Accessory Box				
HP @ 230 Volt	H	W	D	Wt.
1 - 5 HP	37.5"	16"	10.2"	50 lb.
7.5 HP	40"	16"	10.2"	56 lb.
10 HP	44"	16"	10.9"	56 lb.
15 HP	61"	24"	13.3"	73 lb.
20 HP	61"	24"	13.3"	73 lb.
HP @ 460 Volt	H	W	D	Wt.
1.5 HP	37.5"	16"	10.2"	50 lb.
7.5 - 10 HP	40"	16"	10.2"	56 lb.
15 - 20 HP	45"	16"	10.2"	73 lb.
25 (G) HP	49"	16"	10.9"	78 lb.
25(V) - 40 HP	60.7"	24"	13.8"	175 lb.
50 - 60(G) HP	66.7"	24"	13.8"	210 lb.



This drawing represents a typical GV3000/SE with the bypass accessory box.