

# New Parts

FOR NEW CONSTRUCTION, MODERNIZATION AND RETROFIT

## New variable frequency drives and accessories

Our comprehensive offering of CXS and CXL variable frequency drives uses the latest frequency converter technology for more efficient motor operation. These compact, lightweight, reliable drives enable easy commissioning and start-up, convenient installation and offer significant energy savings in commercial HVAC applications.

### Comprehensive offering

- Broad offering provides your choice of :
  - 230/460 Vac
  - 3/4 to 150 horsepower
  - NEMA 1 or NEMA 12 enclosure
  - built-in RFI filters
  - Brake choppers standard on CXS, optional on CXL models
- A/C choke standard on all  $\geq 3$  HP models
- State-of-the-art IGBT circuitry (Insulated Gate Bipolar Transistor)
- Optional accessories
  - bypass switches
  - communication boards
  - DU/DT filters

### Easy commissioning and setup

- Seven prepackaged application setups save you time
- User-friendly alpha-numeric LCD display is:
  - easy to read
  - allows quick status monitoring and parameter adjustment
  - easily removed to prevent tampering

- Optional graphics display
  - monitors three selectable values simultaneously
  - graphs real-time values
  - copies parameters drive to drive
- Free Windows®-based PC commissioning software allows you to:
  - download or upload parameters
  - easily create drive-specific parameter files
  - directly monitor or change drive parameters via RS232 connection

### Convenient Installation

- Compact size simplifies installation
  - 3/4 to 3 hp models are 4.7" by 12" (120 to 305 mm)
  - 75 to 125 hp models are 14.7" by 39.4" (374 to 1000 mm)
- Lightweight—even the largest drives can be wall-mounted
  - 3/4 hp model is only 9 pounds
  - 125 hp model is only 220 pounds

### Significant energy savings

- Save as much as 50 to 80 percent
- Extend your motor life by operating it at lower speeds
- Lower electrical consumption, helping protect the environment
- Achieve payback in as little as one year



Honeywell variable frequency drives are manufactured to comply with stringent international standards and provide more efficient motor operation.

# The CXS and CXL family of variable frequency drives

## CXS Variable Frequency Drives (230 volt)

Horse-power Constant Torque	Amps CT	Horse-power Variable Torque	Amps VT	Model Number	Industrial 230 Volt	230 Volt Commercial Filter
0.75	3.6	1	4.7	CXS0007HP	V32G2I1	V32G2C1
1	4.7	1.5	5.6	CXS0010HP	V32G2I1	V32G2C1
1.5	5.6	2	7	CXS0015HP	V32G2I1	V32G2C1
2	7	3	10	CXS0020HP	V32G2I1	V32G2C1
3	10	4	13	CXS0030HP	V32G2I1	V32G2C1
5	16	7.5	22	CXS0050HP	V32G2I1	V32G2C1
7.5	22	10	30	CXS0075HP	V32G2I1	V32G2C1
10	30	15	43	CXS0100HP	V32G2I1	V32G2C1
15	43	20	57	CXS0150HP	V32G2I1	V32G2C1
20	57	25	70	CXS0200HP	V32G2I1	V32G2C1
25	—	30	—	—	—	—
30	—	40	—	—	—	—

## CXS Variable Frequency Drives (460 volt)

Horse-power Constant Torque	Amps CT	Horse-power Variable Torque	Amps VT	Model Number	Industrial 460 Volt	460 Volt Commercial Filter	460 Volt No Filter
0.75	—	1	—	—	—	—	—
1	2.5	1.5	3	CXS0010HP	V35G2I1	V35G2C1	V35G2N1
1.5	3	2	3.5	CXS0015HP	V35G2I1	V35G2C1	V35G2N1
2	3.5	3	5	CXS0020HP	V35G2I1	V35G2C1	V35G2N1
3	5	4	6	CXS0030HP	V35G2I1	V35G2C1	V35G2N1
5	8	7.5	11	CXS0050HP	V35G2I1	V35G2C1	V35G2N1
7.5	11	10	15	CXS0075HP	V35G2I1	V35G2C1	V35G2N1
10	15	15	21	CXS0100HP	V35G2I1	V35G2C1	V35G2N1
15	21	20	27	CXS0150HP	V35G2I1	V35G2C1	V35G2N1
20	27	25	34	CXS0200HP	V35G2I1	V35G2C1	V35G2N1
25	34	30	40	CXS0250HP	V35G2I1	V35G2C1	V35G2N1
30	40	40	52	CXS0300HP	V35G2I1	V35G2C1	V35G2N1

## CXL Variable Frequency Drives (460 volt)

Horsepower Constant Torque	Amps CT	Horsepower Variable Torque	Amps VT	Model Number*	Industrial Filter		Commercial Filter		No Filter NEMA 1
					NEMA 1*	NEMA 12*	NEMA 1*	NEMA 12*	
3	5	4	6	CXL0030HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
5	8	7.5	11	CXL0050HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
7.5	11	10	15	CXL0075HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
10	15	15	21	CXL0100HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
15	21	20	27	CXL0150HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
20	27	25	32	CXL0200HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
25	32	30	40	CXL0250HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
30	40	40	52	CXL0300HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	—
40	52	50	65	CXL0400HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	V35G7NO
50	65	60	77	CXL0500HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	V35G7NO
60	77	75	96	CXL0600HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	V35G7NO
75	96	100	125	CXL0750HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	V35G7NO
100	125	125	160	CXL1000HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	V35G7NO
125	160	150	180	CXL1250HP	V35G7I0	V35G5I0	V35G7C0	V35G5C0	V35G7NO

\*Substitute 1 for 0 at end of model number for built-in brake chopper

**CXS 0150HP V3 2 G 2 I 0**

Product Series (CXS, CXL)	Motor Power (CT) 0007=0.75 HP 0010=1 HP 0500=50 HP 0750=75 HP 1250=125 HP	Phase V3=3 phase	Voltage 2=230 V (-15% to +10%) 5=460 V (-15% to +10%)	Alpha numeric display	NEMA 2=protected* chassis 5=NEMA 12 7=NEMA 1	RFI Filter I=industrial C=commercial N=no filter	Brake 0=no brake chopper 1=built-in brake chopper
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\*NEMA 1 with included accessory (CXS only)

For more information on CXS and CXL variable frequency drives, contact your local authorized Honeywell distributor or visit our website at: [www.honeywell.com/building/components](http://www.honeywell.com/building/components).

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