



SMARTVFD SELECTION GUIDE

The Smart Choice for Smart Buildings

Saving Energy the Smart Way

Buildings consume more than 70% of the electricity produced in North America — and roughly half of that is used to circulate air and water. Honeywell SmartVFD HVAC, BYPASS and COMPACT variable frequency drives maximize energy savings by modulating the speed of fans and pumps. VFDs achieve these savings by operating within a building's control system or independently through its internal PID capabilities. Additionally, Honeywell's VFDs are loaded with labor-saving features such as startup wizards, PC programming, and an intuitive graphical interface that allows for faster, more accurate commissioning and reliable maintenance over the life of the drive.



SmartVFD HVAC

The Honeywell SmartVFD HVAC makes installation and commissioning easy while providing significant energy savings! The easy-to-use, high-resolution graphic interface displays industry-leading system details and allows for easy commissioning via the startup wizard. Plus, parameters can be uploaded and downloaded to the keypad for transferring from drive to drive. Analyzing and making energy-saving adjustments is easy thanks to the nine data element, multi-monitor display, freeware PC programming tool and intuitive, easy-to-read menu structure. Building integration is a snap with the wide range of communication protocols available out of the box, including BACnet® and Modbus® — available in RS-485 and over Ethernet and N2. LONWORKS™ and other industrial protocols are available as option cards.



SmartVFD BYPASS

The SmartVFD BYPASS is easy to specify, select and install. It's the perfect complement to the advanced capabilities of the SmartVFD family. The SmartVFD BYPASS is available in four configurations to meet your application needs: Disconnect Only, Two Contactor Bypass, Three Contactor Bypass, and Three Contactor Bypass with Auto-Bypass.



SmartVFD COMPACT

SmartVFD COMPACT models aren't overloaded with features you won't use. Nor are you limited to just a few. Instead, they provide the perfect balance, with essential features like a standard PI Controller and PC programmability. Small and streamlined to save you space in the equipment cabinet, the SmartVFD COMPACT keeps your installed cost low by letting you choose only the options you need.

Pick the Right VFD for the Application

- Drives are typically sized to match the horsepower rating of the motor, which will be accurate 95% of the time. But for the greatest accuracy, drives should be sized based upon the Full Load Amps or current draw of the motor. The VFD must have a slightly larger current rating maximum.
- The environment the drive will operate in is critical for selection. Honeywell offers NEMA1, NEMA12 and NEMA 3R enclosures.
- Because of the complexity of VFDs, a clean, conditioned space with temperatures between 14° F and 140° F provides an environment for ideal operation.

Take-Off Service

The Honeywell Specification Take-Off Service is designed to help you select the best possible solution for each job. It lets you create product schedules from:

PRODUCT SPECIFICATIONS | EXISTING SCHEDULES | DRAWINGS | OBSOLETE OR COMPETITIVE SCHEDULES

How to Use the Take-Off Service

1. Submit your information in one of the following ways:

- a) Email to takeoff.service@honeywell.com (preferred)
- b) Fax toll-free to 1-877-880-3386

2. Include your desired turn-around time.

3. Take-Off Service staff will send you a confirmation that your email or fax was received. We always attempt to have your request finished as soon as possible. Please note, however, that the quality of the submitted information largely determines

the turn-around time. We will work closely with you to ensure that we have enough information to move forward as quickly as possible.

4. Following take-off completion, a final product schedule spreadsheet will be returned to you that includes:

- Complete product schedule
- Base price
- Directions on how to order Honeywell products
- Links to product submittals
- Quote identification number

SmartVFD HVAC Drive Alone

	HP	AMPS	Frame	NEMA1 Drive Alone	NEMA12 Drive Alone	NEMA 3R Drive Alone
460 Vac	1.5	3.4	4	HVFDSD3C0015G100	HVFDSD3C0015G200	HVFDSD3C0015G300
	2	4.8	4	HVFDSD3C0020G100	HVFDSD3C0020G200	HVFDSD3C0020G300
	3	5.6	4	HVFDSD3C0030G100	HVFDSD3C0030G200	HVFDSD3C0030G300
	4	8	4	HVFDSD3C0040G100	HVFDSD3C0040G200	HVFDSD3C0040G300
	5	9.6	4	HVFDSD3C0050G100	HVFDSD3C0050G200	HVFDSD3C0050G300
	7.5	12	4	HVFDSD3C0075G100	HVFDSD3C0075G200	HVFDSD3C0075G300
	10	16	5	HVFDSD3C0100G100	HVFDSD3C0100G200	HVFDSD3C0100G300
	15	23	5	HVFDSD3C0150G100	HVFDSD3C0150G200	HVFDSD3C0150G300
	20	31	5	HVFDSD3C0200G100	HVFDSD3C0200G200	HVFDSD3C0200G300
	25	38	6	HVFDSD3C0250G100	HVFDSD3C0250G200	HVFDSD3C0250G300
	30	46	6	HVFDSD3C0300G100	HVFDSD3C0300G200	HVFDSD3C0300G300
	40	61	6	HVFDSD3C0400G100	HVFDSD3C0400G200	HVFDSD3C0400G300
	50	72	7	HVFDSD3C0500G100	HVFDSD3C0500G200	HVFDSD3C0500G300
	60	87	7	HVFDSD3C0600G100	HVFDSD3C0600G200	HVFDSD3C0600G300
75	105	7	HVFDSD3C0750G100	HVFDSD3C0750G200	HVFDSD3C0750G300	
	HP	AMPS	Frame	NEMA1 Drive Alone	NEMA12 Drive Alone	NEMA 3R Drive Alone
208/ 230Vac	.75	3.7	4	HVFDSD3A0007G100	HVFDSD3A0007G200	HVFDSD3A0007G300
	1	4.8	4	HVFDSD3A0010G100	HVFDSD3A0010G200	HVFDSD3A0010G300
	1.5	6.6	4	HVFDSD3A0015G100	HVFDSD3A0015G200	HVFDSD3A0015G300
	2	8	4	HVFDSD3A0020G100	HVFDSD3A0020G200	HVFDSD3A0020G300
	3	11	4	HVFDSD3A0030G100	HVFDSD3A0030G200	HVFDSD3A0030G300
	5	18	5	HVFDSD3A0050G100	HVFDSD3A0050G200	HVFDSD3A0050G300
	7.5	24	5	HVFDSD3A0075G100	HVFDSD3A0075G200	HVFDSD3A0075G300
	10	31	5	HVFDSD3A0100G100	HVFDSD3A0100G200	HVFDSD3A0100G300
	15	48	6	HVFDSD3A0150G100	HVFDSD3A0150G200	HVFDSD3A0150G300
	20	62	6	HVFDSD3A0200G100	HVFDSD3A0200G200	HVFDSD3A0200G300
	25	75	7	HVFDSD3A0250G100	HVFDSD3A0250G200	HVFDSD3A0250G300
	30	88	7	HVFDSD3A0300G100	HVFDSD3A0300G200	HVFDSD3A0300G300
40	105	7	HVFDSD3A0400G100	HVFDSD3A0400G200	HVFDSD3A0400G300	

VFD Pricing/Job Estimating Tools

For additional tools you can use for the selection and pricing of VFDs, click on the "Commercial Components Estimating Tools" link at customer.honeywell.com.



Find all SmartVFD selection information on the following pages

SmartVFD HVAC NEMA 1 Disconnect and SmartVFD BYPASS

	HP	AMPS	Frame	NEMA1 Fused Disconnect	NEMA1 2-Contactor Bypass	NEMA1 3-Contactor Bypass	NEMA1 3-Cont. Bypass + Auto-Bypass
460 Vac	1.5	3.4	4	HVFSB3C0015G110	HVFSB3C0015G120	HVFSB3C0015G130	HVFSB3C0015G131
	2	4.8	4	HVFSB3C0020G110	HVFSB3C0020G120	HVFSB3C0020G130	HVFSB3C0020G131
	3	5.6	4	HVFSB3C0030G110	HVFSB3C0030G120	HVFSB3C0030G130	HVFSB3C0030G131
	4	8	4	HVFSB3C0040G110	HVFSB3C0040G120	HVFSB3C0040G130	HVFSB3C0040G131
	5	9.6	4	HVFSB3C0050G110	HVFSB3C0050G120	HVFSB3C0050G130	HVFSB3C0050G131
	7.5	12	4	HVFSB3C0075G110	HVFSB3C0075G120	HVFSB3C0075G130	HVFSB3C0075G131
	10	16	5	HVFSB3C0100G110	HVFSB3C0100G120	HVFSB3C0100G130	HVFSB3C0100G131
	15	23	5	HVFSB3C0150G110	HVFSB3C0150G120	HVFSB3C0150G130	HVFSB3C0150G131
	20	31	5	HVFSB3C0200G110	HVFSB3C0200G120	HVFSB3C0200G130	HVFSB3C0200G131
	25	38	6	HVFSB3C0250G110	HVFSB3C0250G120	HVFSB3C0250G130	HVFSB3C0250G131
	30	46	6	HVFSB3C0300G110	HVFSB3C0300G120	HVFSB3C0300G130	HVFSB3C0300G131
	40	61	6	HVFSB3C0400G110	HVFSB3C0400G120	HVFSB3C0400G130	HVFSB3C0400G131
	50	72	7	HVFSB3C0500G110	HVFSB3C0500G120	HVFSB3C0500G130	HVFSB3C0500G131
	60	87	7	HVFSB3C0600G110	HVFSB3C0600G120	HVFSB3C0600G130	HVFSB3C0600G131
75	105	7	HVFSB3C0750G110	HVFSB3C0750G120	HVFSB3C0750G130	HVFSB3C0750G131	
	HP	AMPS	Frame	NEMA1 Fused Disconnect	NEMA1 2-Contactor Bypass	NEMA1 3-Contactor Bypass	NEMA1 3-Cont. Bypass + Auto-Bypass
208 Vac	.75	3.7	4	HVFSB3A0007G110	HVFSB3A0007G120	HVFSB3A0007G130	HVFSB3A0007G131
	1	4.8	4	HVFSB3A0010G110	HVFSB3A0010G120	HVFSB3A0010G130	HVFSB3A0010G131
	1.5	6.6	4	HVFSB3A0015G110	HVFSB3A0015G120	HVFSB3A0015G130	HVFSB3A0015G131
	2	8	4	HVFSB3A0020G110	HVFSB3A0020G120	HVFSB3A0020G130	HVFSB3A0020G131
	3	11	4	HVFSB3A0030G110	HVFSB3A0030G120	HVFSB3A0030G130	HVFSB3A0030G131
	5	18	5	HVFSB3A0050G110	HVFSB3A0050G120	HVFSB3A0050G130	HVFSB3A0050G131
	7.5	24	5	HVFSB3A0075G110	HVFSB3A0075G120	HVFSB3A0075G130	HVFSB3A0075G131
	10	31	5	HVFSB3A0100G110	HVFSB3A0100G120	HVFSB3A0100G130	HVFSB3A0100G131
	15	48	6	HVFSB3A0150G110	HVFSB3A0150G120	HVFSB3A0150G130	HVFSB3A0150G131
	20	62	6	HVFSB3A0200G110	HVFSB3A0200G120	HVFSB3A0200G130	HVFSB3A0200G131
	25	75	7	HVFSB3A0250G110	HVFSB3A0250G120	HVFSB3A0250G130	HVFSB3A0250G131
	30	88	7	HVFSB3A0300G110	HVFSB3A0300G120	HVFSB3A0300G130	HVFSB3A0300G131
40	105	7	HVFSB3A0400G110	HVFSB3A0400G120	HVFSB3A0400G130	HVFSB3A0400G131	
	HP	AMPS	Frame	NEMA1 Fused Disconnect	NEMA1 2-Contactor Bypass	NEMA1 3-Contactor Bypass	NEMA1 3-Cont. Bypass + Auto-Bypass
230 Vac	.75	3.7	4	HVFSB3B0007G110	HVFSB3B0007G120	HVFSB3B0007G130	HVFSB3B0007G131
	1	4.8	4	HVFSB3B0010G110	HVFSB3B0010G120	HVFSB3B0010G130	HVFSB3B0010G131
	1.5	6.6	4	HVFSB3B0015G110	HVFSB3B0015G120	HVFSB3B0015G130	HVFSB3B0015G131
	2	8	4	HVFSB3B0020G110	HVFSB3B0020G120	HVFSB3B0020G130	HVFSB3B0020G131
	3	11	4	HVFSB3B0030G110	HVFSB3B0030G120	HVFSB3B0030G130	HVFSB3B0030G131
	5	18	5	HVFSB3B0050G110	HVFSB3B0050G120	HVFSB3B0050G130	HVFSB3B0050G131
	7.5	24	5	HVFSB3B0075G110	HVFSB3B0075G120	HVFSB3B0075G130	HVFSB3B0075G131
	10	31	5	HVFSB3B0100G110	HVFSB3B0100G120	HVFSB3B0100G130	HVFSB3B0100G131
	15	48	6	HVFSB3B0150G110	HVFSB3B0150G120	HVFSB3B0150G130	HVFSB3B0150G131
	20	62	6	HVFSB3B0200G110	HVFSB3B0200G120	HVFSB3B0200G130	HVFSB3B0200G131
	25	75	7	HVFSB3B0250G110	HVFSB3B0250G120	HVFSB3B0250G130	HVFSB3B0250G131
	30	88	7	HVFSB3B0300G110	HVFSB3B0300G120	HVFSB3B0300G130	HVFSB3B0300G131
40	105	7	HVFSB3B0400G110	HVFSB3B0400G120	HVFSB3B0400G130	HVFSB3B0400G131	

SmartVFD HVAC NEMA 12 Disconnect and SmartVFD BYPASS

	HP	AMPS	Frame	NEMA12 Fused Disconnect	NEMA12 2-Contactor Bypass	NEMA12 3-Contactor Bypass	NEMA12 3-Cont. Bypass + Auto-Bypass
460 Vac	1.5	3.4	4	HVFDSB3C0015G210	HVFDSB3C0015G220	HVFDSB3C0015G230	HVFDSB3C0015G231
	2	4.8	4	HVFDSB3C0020G210	HVFDSB3C0020G220	HVFDSB3C0020G230	HVFDSB3C0020G231
	3	5.6	4	HVFDSB3C0030G210	HVFDSB3C0030G220	HVFDSB3C0030G230	HVFDSB3C0030G231
	4	8	4	HVFDSB3C0040G210	HVFDSB3C0040G220	HVFDSB3C0040G230	HVFDSB3C0040G231
	5	9.6	4	HVFDSB3C0050G210	HVFDSB3C0050G220	HVFDSB3C0050G230	HVFDSB3C0050G231
	7.5	12	4	HVFDSB3C0075G210	HVFDSB3C0075G220	HVFDSB3C0075G230	HVFDSB3C0075G231
	10	16	5	HVFDSB3C0100G210	HVFDSB3C0100G220	HVFDSB3C0100G230	HVFDSB3C0100G231
	15	23	5	HVFDSB3C0150G210	HVFDSB3C0150G220	HVFDSB3C0150G230	HVFDSB3C0150G231
	20	31	5	HVFDSB3C0200G210	HVFDSB3C0200G220	HVFDSB3C0200G230	HVFDSB3C0200G231
	25	38	6	HVFDSB3C0250G210	HVFDSB3C0250G220	HVFDSB3C0250G230	HVFDSB3C0250G231
	30	46	6	HVFDSB3C0300G210	HVFDSB3C0300G220	HVFDSB3C0300G230	HVFDSB3C0300G231
	40	61	6	HVFDSB3C0400G210	HVFDSB3C0400G220	HVFDSB3C0400G230	HVFDSB3C0400G231
	50	72	7	HVFDSB3C0500G210	HVFDSB3C0500G220	HVFDSB3C0500G230	HVFDSB3C0500G231
	60	87	7	HVFDSB3C0600G210	HVFDSB3C0600G220	HVFDSB3C0600G230	HVFDSB3C0600G231
75	105	7	HVFDSB3C0750G210	HVFDSB3C0750G220	HVFDSB3C0750G230	HVFDSB3C0750G231	
	HP	AMPS	Frame	NEMA12 Fused Disconnect	NEMA12 2-Contactor Bypass	NEMA12 3-Contactor Bypass	NEMA12 3-Cont. Bypass + Auto-Bypass
208 Vac	.75	3.7	4	HVFDSB3A0007G210	HVFDSB3A0007G220	HVFDSB3A0007G230	HVFDSB3A0007G231
	1	4.8	4	HVFDSB3A0010G210	HVFDSB3A0010G220	HVFDSB3A0010G230	HVFDSB3A0010G231
	1.5	6.6	4	HVFDSB3A0015G210	HVFDSB3A0015G220	HVFDSB3A0015G230	HVFDSB3A0015G231
	2	8	4	HVFDSB3A0020G210	HVFDSB3A0020G220	HVFDSB3A0020G230	HVFDSB3A0020G231
	3	11	4	HVFDSB3A0030G210	HVFDSB3A0030G220	HVFDSB3A0030G230	HVFDSB3A0030G231
	5	18	5	HVFDSB3A0050G210	HVFDSB3A0050G220	HVFDSB3A0050G230	HVFDSB3A0050G231
	7.5	24	5	HVFDSB3A0075G210	HVFDSB3A0075G220	HVFDSB3A0075G230	HVFDSB3A0075G231
	10	31	5	HVFDSB3A0100G210	HVFDSB3A0100G220	HVFDSB3A0100G230	HVFDSB3A0100G231
	15	48	6	HVFDSB3A0150G210	HVFDSB3A0150G220	HVFDSB3A0150G230	HVFDSB3A0150G231
	20	62	6	HVFDSB3A0200G210	HVFDSB3A0200G220	HVFDSB3A0200G230	HVFDSB3A0200G231
	25	75	7	HVFDSB3A0250G210	HVFDSB3A0250G220	HVFDSB3A0250G230	HVFDSB3A0250G231
	30	88	7	HVFDSB3A0300G210	HVFDSB3A0300G220	HVFDSB3A0300G230	HVFDSB3A0300G231
	40	105	7	HVFDSB3A0400G210	HVFDSB3A0400G220	HVFDSB3A0400G230	HVFDSB3A0400G231
	HP	AMPS	Frame	NEMA12 Fused Disconnect	NEMA12 2-Contactor Bypass	NEMA12 3-Contactor Bypass	NEMA12 3-Cont. Bypass + Auto-Bypass
230 Vac	.75	3.7	4	HVFDSB3B0007G210	HVFDSB3B0007G220	HVFDSB3B0007G230	HVFDSB3B0007G231
	1	4.8	4	HVFDSB3B0010G210	HVFDSB3B0010G220	HVFDSB3B0010G230	HVFDSB3B0010G231
	1.5	6.6	4	HVFDSB3B0015G210	HVFDSB3B0015G220	HVFDSB3B0015G230	HVFDSB3B0015G231
	2	8	4	HVFDSB3B0020G210	HVFDSB3B0020G220	HVFDSB3B0020G230	HVFDSB3B0020G231
	3	11	4	HVFDSB3B0030G210	HVFDSB3B0030G220	HVFDSB3B0030G230	HVFDSB3B0030G231
	5	18	5	HVFDSB3B0050G210	HVFDSB3B0050G220	HVFDSB3B0050G230	HVFDSB3B0050G231
	7.5	24	5	HVFDSB3B0075G210	HVFDSB3B0075G220	HVFDSB3B0075G230	HVFDSB3B0075G231
	10	31	5	HVFDSB3B0100G210	HVFDSB3B0100G220	HVFDSB3B0100G230	HVFDSB3B0100G231
	15	48	6	HVFDSB3B0150G210	HVFDSB3B0150G220	HVFDSB3B0150G230	HVFDSB3B0150G231
	20	62	6	HVFDSB3B0200G210	HVFDSB3B0200G220	HVFDSB3B0200G230	HVFDSB3B0200G231
	25	75	7	HVFDSB3B0250G210	HVFDSB3B0250G220	HVFDSB3B0250G230	HVFDSB3B0250G231
	30	88	7	HVFDSB3B0300G210	HVFDSB3B0300G220	HVFDSB3B0300G230	HVFDSB3B0300G231
	40	105	7	HVFDSB3B0400G210	HVFDSB3B0400G220	HVFDSB3B0400G230	HVFDSB3B0400G231

SmartVFD HVAC NEMA 3R Disconnect and SmartVFD BYPASS

	HP	AMPS	Frame	NEMA3R Fused Disconnect	NEMA3R 2-Contactor Bypass	NEMA3R 3-Contactor Bypass	NEMA3R 3-Cont. Bypass + Auto-Bypass
460 Vac	1.5	3.4	4	HVFDSB3C0015G310	HVFDSB3C0015G320	HVFDSB3C0015G330	HVFDSB3C0015G331
	2	4.8	4	HVFDSB3C0020G310	HVFDSB3C0020G320	HVFDSB3C0020G330	HVFDSB3C0020G331
	3	5.6	4	HVFDSB3C0030G310	HVFDSB3C0030G320	HVFDSB3C0030G330	HVFDSB3C0030G331
	4	8	4	HVFDSB3C0040G310	HVFDSB3C0040G320	HVFDSB3C0040G330	HVFDSB3C0040G331
	5	9.6	4	HVFDSB3C0050G310	HVFDSB3C0050G320	HVFDSB3C0050G330	HVFDSB3C0050G331
	7.5	12	4	HVFDSB3C0075G310	HVFDSB3C0075G320	HVFDSB3C0075G330	HVFDSB3C0075G331
	10	16	5	HVFDSB3C0100G310	HVFDSB3C0100G320	HVFDSB3C0100G330	HVFDSB3C0100G331
	15	23	5	HVFDSB3C0150G310	HVFDSB3C0150G320	HVFDSB3C0150G330	HVFDSB3C0150G331
	20	31	5	HVFDSB3C0200G310	HVFDSB3C0200G320	HVFDSB3C0200G330	HVFDSB3C0200G331
	25	38	6	HVFDSB3C0250G310	HVFDSB3C0250G320	HVFDSB3C0250G330	HVFDSB3C0250G331
	30	46	6	HVFDSB3C0300G310	HVFDSB3C0300G320	HVFDSB3C0300G330	HVFDSB3C0300G331
	40	61	6	HVFDSB3C0400G310	HVFDSB3C0400G320	HVFDSB3C0400G330	HVFDSB3C0400G331
	50	72	7	HVFDSB3C0500G310	HVFDSB3C0500G320	HVFDSB3C0500G330	HVFDSB3C0500G331
	60	87	7	HVFDSB3C0600G310	HVFDSB3C0600G320	HVFDSB3C0600G330	HVFDSB3C0600G331
75	105	7	HVFDSB3C0750G310	HVFDSB3C0750G320	HVFDSB3C0750G330	HVFDSB3C0750G331	
	HP	AMPS	Frame	NEMA3R Fused Disconnect	NEMA3R 2-Contactor Bypass	NEMA3R 3-Contactor Bypass	NEMA3R 3-Cont. Bypass + Auto-Bypass
208 Vac	.75	3.7	4	HVFDSB3A0007G310	HVFDSB3A0007G320	HVFDSB3A0007G330	HVFDSB3A0007G331
	1	4.8	4	HVFDSB3A0010G310	HVFDSB3A0010G320	HVFDSB3A0010G330	HVFDSB3A0010G331
	1.5	6.6	4	HVFDSB3A0015G310	HVFDSB3A0015G320	HVFDSB3A0015G330	HVFDSB3A0015G331
	2	8	4	HVFDSB3A0020G310	HVFDSB3A0020G320	HVFDSB3A0020G330	HVFDSB3A0020G331
	3	11	4	HVFDSB3A0030G310	HVFDSB3A0030G320	HVFDSB3A0030G330	HVFDSB3A0030G331
	5	18	5	HVFDSB3A0050G310	HVFDSB3A0050G320	HVFDSB3A0050G330	HVFDSB3A0050G331
	7.5	24	5	HVFDSB3A0075G310	HVFDSB3A0075G320	HVFDSB3A0075G330	HVFDSB3A0075G331
	10	31	5	HVFDSB3A0100G310	HVFDSB3A0100G320	HVFDSB3A0100G330	HVFDSB3A0100G331
	15	48	6	HVFDSB3A0150G310	HVFDSB3A0150G320	HVFDSB3A0150G330	HVFDSB3A0150G331
	20	62	6	HVFDSB3A0200G310	HVFDSB3A0200G320	HVFDSB3A0200G330	HVFDSB3A0200G331
	25	75	7	HVFDSB3A0250G310	HVFDSB3A0250G320	HVFDSB3A0250G330	HVFDSB3A0250G331
	30	88	7	HVFDSB3A0300G310	HVFDSB3A0300G320	HVFDSB3A0300G330	HVFDSB3A0300G331
40	105	7	HVFDSB3A0400G310	HVFDSB3A0400G320	HVFDSB3A0400G330	HVFDSB3A0400G331	
	HP	AMPS	Frame	NEMA3R Fused Disconnect	NEMA3R 2-Contactor Bypass	NEMA3R 3-Contactor Bypass	NEMA3R 3-Cont. Bypass + Auto-Bypass
230 Vac	.75	3.7	4	HVFDSB3B0007G310	HVFDSB3B0007G320	HVFDSB3B0007G330	HVFDSB3B0007G331
	1	4.8	4	HVFDSB3B0010G310	HVFDSB3B0010G320	HVFDSB3B0010G330	HVFDSB3B0010G331
	1.5	6.6	4	HVFDSB3B0015G310	HVFDSB3B0015G320	HVFDSB3B0015G330	HVFDSB3B0015G331
	2	8	4	HVFDSB3B0020G310	HVFDSB3B0020G320	HVFDSB3B0020G330	HVFDSB3B0020G331
	3	11	4	HVFDSB3B0030G310	HVFDSB3B0030G320	HVFDSB3B0030G330	HVFDSB3B0030G331
	5	18	5	HVFDSB3B0050G310	HVFDSB3B0050G320	HVFDSB3B0050G330	HVFDSB3B0050G331
	7.5	24	5	HVFDSB3B0075G310	HVFDSB3B0075G320	HVFDSB3B0075G330	HVFDSB3B0075G331
	10	31	5	HVFDSB3B0100G310	HVFDSB3B0100G320	HVFDSB3B0100G330	HVFDSB3B0100G331
	15	48	6	HVFDSB3B0150G310	HVFDSB3B0150G320	HVFDSB3B0150G330	HVFDSB3B0150G331
	20	62	6	HVFDSB3B0200G310	HVFDSB3B0200G320	HVFDSB3B0200G330	HVFDSB3B0200G331
	25	75	7	HVFDSB3B0250G310	HVFDSB3B0250G320	HVFDSB3B0250G330	HVFDSB3B0250G331
	30	88	7	HVFDSB3B0300G310	HVFDSB3B0300G320	HVFDSB3B0300G330	HVFDSB3B0300G331
40	105	7	HVFDSB3B0400G310	HVFDSB3B0400G320	HVFDSB3B0400G330	HVFDSB3B0400G331	

SmartVFD COMPACT

	HP	AMPS	Frame	EMC Filter	Full IO (6DI, 2AI, 1AO, 1DO, 3RO, Modbus)	Limited IO (3DI, 1AI, 2RO, Modbus)
460 Vac 3-in/3-out	0.5	1.3	1	No	HVFDCD3C0005F00	HVFDCD3C0005L00
				EMC	HVFDCD3C0005F01	HVFDCD3C0005L01
	0.75	1.9	1	No	HVFDCD3C0007F00	HVFDCD3C0007L00
				EMC	HVFDCD3C0007F01	HVFDCD3C0007L01
	1	2.4	1	No	HVFDCD3C0010F00	HVFDCD3C0010L00
				EMC	HVFDCD3C0010F01	HVFDCD3C0010L01
	1.5	3.3	1	No	HVFDCD3C0015F00	HVFDCD3C0015L00
				EMC	HVFDCD3C0015F01	HVFDCD3C0015L01
	2	4.3	2	No	HVFDCD3C0020F00	HVFDCD3C0020L00
				EMC	HVFDCD3C0020F01	HVFDCD3C0020L01
	3	5.6	2	No	HVFDCD3C0030F00	HVFDCD3C0030L00
				EMC	HVFDCD3C0030F01	HVFDCD3C0030L01
	4	7.6	3	No	HVFDCD3C0040F00	HVFDCD3C0040L00
				EMC	HVFDCD3C0040F01	HVFDCD3C0040L01
	5	9	3	No	HVFDCD3C0050F00	HVFDCD3C0050L00
				EMC	HVFDCD3C0050F01	HVFDCD3C0050L01
	7.5	12	3	No	HVFDCD3C0075F00	HVFDCD3C0075L00
				EMC	HVFDCD3C0075F01	HVFDCD3C0075L01
	HP	AMPS	Frame	EMC Filter	Full IO (6DI, 2AI, 1AO, 1DO, 3RO, Modbus)	Limited IO (3DI, 1AI, 2RO, Modbus)
230Vac 1-in/3-out	0.25	1.7	1	No	HVFDCD1B0003F00	HVFDCD1B0003L00
				EMC	HVFDCD1B0003F01	HVFDCD1B0003L01
	0.5	2.4	1	No	HVFDCD1B0005F00	HVFDCD1B0005L00
				EMC	HVFDCD1B0005F01	HVFDCD1B0005L01
	0.75	2.8	1	No	HVFDCD1B0007F00	HVFDCD1B0007L00
				EMC	HVFDCD1B0007F01	HVFDCD1B0007L01
	1	3.7	1	No	HVFDCD1B0010F00	HVFDCD1B0010L00
				EMC	HVFDCD1B0010F01	HVFDCD1B0010L01
	1.5	4.8	2	No	HVFDCD1B0015F00	HVFDCD1B0015L00
				EMC	HVFDCD1B0015F01	HVFDCD1B0015L01
	2	7	2	No	HVFDCD1B0020F00	HVFDCD1B0020L00
				EMC	HVFDCD1B0020F01	HVFDCD1B0020L01
	3	11	3	No	HVFDCD1B0030F00	HVFDCD1B0030L00
				EMC	HVFDCD1B0030F01	HVFDCD1B0030L01
	HP	AMPS	Frame	EMC Filter	Full IO (6DI, 2AI, 1AO, 1DO, 3RO, Modbus)	Limited IO (3DI, 1AI, 2RO, Modbus)
230Vac 3-in/3-out	0.25	1.7	1	No	HVFDCD3B0003F00	HVFDCD3B0003L00
	0.5	2.4	1	No	HVFDCD3B0005F00	HVFDCD3B0005L00
	1	3.7	1	No	HVFDCD3B0010F00	HVFDCD3B0010L00
	2	7	2	No	HVFDCD3B0020F00	HVFDCD3B0020L00
	3	11	3	No	HVFDCD3B0030F00	HVFDCD3B0030L00
	HP	AMPS	Frame	EMC Filter	Full IO (6DI, 2AI, 1AO, 1DO, 3RO, Modbus)	Limited IO (3DI, 1AI, 2RO, Modbus)
115Vac 1-in/230Vac 3-out	0.25	1.7	2	No	HVFDCD1A0003F00	HVFDCD1A0003L00
	0.5	2.4	2	No	HVFDCD1A0005F00	HVFDCD1A0005L00
	1	3.7	2	No	HVFDCD1A0010F00	HVFDCD1A0010L00
	1.5	4.8	3	No	HVFDCD1A0015F00	HVFDCD1A0015L00
	HP	AMPS	Frame	EMC Filter	Full IO (6DI, 2AI, 1AO, 1DO, 3RO, Modbus)	Limited IO (3DI, 1AI, 2RO, Modbus)
575Vac 3-in/3-out	1	2	3	No	HVFDCD3D0010F00	HVFDCD3D0010L00
	2	3.6	3	No	HVFDCD3D0020F00	HVFDCD3D0020L00
	3	5	3	No	HVFDCD3D0030F00	HVFDCD3D0030L00
	5	7.6	3	No	HVFDCD3D0050F00	HVFDCD3D0050L00
	7.5	10.4	3	No	HVFDCD3D0075F00	HVFDCD3D0075L00

SmartVFD Accessories

Accessory	Description	Drive Used with
HVFCABLE/U	COMMISSIONING CABLE AND USB ADAPTOR	COMPACT & SMART
32006630-001/U	LON COMMUNICATION CARD (NXOPTC4)	SMART
HVFCDMCA/U	COMMISSIONING DEVICE	COMPACT
HVFCDMCAKIT/U	COMMISSIONING KIT	COMPACT
HVFCDNEMA1FR1/U	NEMA 1 KIT	COMPACT
HVFCDNEMA1FR2/U	NEMA 1 KIT	COMPACT
HVFCDNEMA1FR3/U	NEMA 1 KIT	COMPACT
HVFCDTRAINER/U	TRAINING DEMONSTRATION KIT	COMPACT
HVFSSTRAINER/U	TRAINING DEMONSTRATION KIT	SMART

Dedicated Contacts and Websites



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Consulting Engineer Site

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Literature Ordering

literature.honeywell.com

Honeywell Promotional Materials

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Buildings University Online and Face-to-Face Training

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New Product and Programs Website

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