

Program for Energy Savings in Minutes



VFD CORE Inverter



Honeywell

MAXIMUM ENERGY SAVINGS
VFD CORE keeps fans and pumps from running at unneeded speeds.



TIME SAVINGS. ENERGY SAVINGS.

They're at the Core of VFD CORE

Think of the time you'll save per job if you had a variable frequency drive (VFD) that covered nearly all of your commercial heating, ventilation and air conditioning (HVAC) applications, was a breeze to install, takes minutes to program, and is backed by Honeywell dependability. You'd increase your profitability, and your customers would enjoy a lower installed cost and years of energy savings.

Get it all with VFD CORE.



Commissioning in a
matter of minutes!

GAIN A COMPETITIVE ADVANTAGE!

Training is available to help you realize VFD CORE's full capabilities. Please contact your local distributor or Honeywell Sales Representative to learn more about training opportunities.



Save Time

The streamlined design of VFD CORE saves you selection time before you even get to the jobsite because it has all the features you'll need for most applications. And once you're at the jobsite, you'll speed through the easy installation.

- The "Quick Startup" guide and "Startup Wizard" ask critical commissioning questions to intuitively guide you through installation and programming in minutes.
- Memory in the five-language-option, four-line-text keypad allows for four parameter sets to be stored in one keypad for quick upload and downloading.
- Enjoy maximum application flexibility with the three analog inputs, 10 digital inputs, two analog outputs, and three relay outputs.
- Other laborsaving and control features include plenum rating, JOG mode, and 15 preset speeds.
- Integrated BACnet2® and Modbus communication protocols for compatibility with almost every building management system.

Save Energy

Energy savings are at the heart of all Honeywell VFDs, and the same is true for VFD CORE. Roughly half of the energy consumed by buildings is used to circulate air and water. By modulating the speed of fans and pumps, VFD CORE maximizes energy savings day in and day out.

- Three programmable operating values on the display make VFD CORE easy for building managers to use and monitor.
- Easy status monitoring with LED lights.
- Hand and Auto control options for ease of use and manual override.

Save Headaches

Reliability is essential for both you and your customers, and the Honeywell VFD CORE delivers the performance and long service life that bring peace of mind. International quality and manufacturing standards have been combined to provide the highest quality drive possible. Plus, built-in features help ensure maximum uptime:

- Harmonic protection with a three percent direct-current (DC) choke on the largest sized drives, Frame D and E.
- Conformal-coated boards for added durability.
- Six faults in memory with a time and date stamp for easy troubleshooting.
- Maximize uptime/runtime by utilizing the built-in auto-restart and power-loss ride-through capabilities.

FROM THE BRAND YOU TRUST

No one knows HVAC, building management and energy savings like Honeywell. And no one supports you with a more complete network of knowledgeable distributors and technical support teams. For added peace of mind, a three-year warranty from date of purchase is standard.

In short, you can count on the VFD CORE to serve your customers for years to come.

VFD CORE Inverter selection guide

- 전동기 용량 0.75kW ~ 90kW
- VFD Core의 주파수범위 (0 ~ 600Hz)
- 기동전류, 기동토크 200%/2sec
- 보호등급 IP20
- Keypad display 기본장착
- 공용 소프트웨어 (파라메타 입력 등)
- CE인증, UL인증

주전원 공급전원 [V]	전동기 명판에 표시된 정격			외형치수 W x H x D [mm]	중량 [kg]	제품명
	kW	HP	A			
3상 200~240V 50/60Hz	0.75	1	5	130x250x170	2.8	HCRDA0010A1000T
	1.5	2	7.5	130x250x170	2.8	HCRDA0020A1000T
	2.2	3	10	130x250x170	2.8	HCRDA0030A1000T
	4	5	15	130x250x170	2.8	HCRDA0050A1000T
	5.5	7.5	21	130x250x170	2.8	HCRDA0075A1000T
	7.5	10	31	190x320x190	4.6	HCRDA0100B1000T
	11	15	46	190x320x190	4.6	HCRDA0150B1000T
	15	20	61	190x320x190	5.6	HCRDA0200B1000T
	18.5	25	75	250x400x210	10.5	HCRDA0250C1000T
	22	30	90	250x400x210	10.5	HCRDA0300C1000T
	30	40	105	250x400x210	10.5	HCRDA0400C1000T
	37	50	146	330x688.3x275	35.5	HCRDA0500D1000T
	45	60	180	330x688.3x275	35.5	HCRDA0600D1000T
	55	75	215	370x715.8x300	45.7	HCRDA0750E1000T
	75	100	276	370x715.8x300	46.2	HCRDA1000E1000T
3상 380~480V 50/60Hz	0.75	1	3	130x250x170	2.8	HCRDC0010A1000T
	1.5	2	3.7	130x250x170	2.8	HCRDC0020A1000T
	2.2	3	5	130x250x170	2.8	HCRDC0030A1000T
	4	5	7.5	130x250x170	2.8	HCRDC0050A1000T
	5.5	7.5	12	130x250x170	2.8	HCRDC0075A1000T
	7.5	10	14	130x250x170	2.8	HCRDC0100A1000T
	11	15	22.5	190x320x190	4.6	HCRDC0150B1000T
	15	20	30	190x320x190	5.6	HCRDC0200B1000T
	18.5	25	36	190x320x190	5.6	HCRDC0250B1000T
	22	30	45	250x400x210	8.7	HCRDC0300C1000T
	30	40	56	250x400x210	8.7	HCRDC0400C1000T
	37	50	72	250x400x210	9.4	HCRDC0500C1000T
	45	60	91	330x688.3x275	35.5	HCRDC0600D1000T
	55	75	110	330x688.3x275	35.5	HCRDC0750D1000T
	75	100	144	330x688.3x275	40.5	HCRDC1000D1000T
90	125	180	330x688.3x275	40.5	HCRDC1250D1000T	

Find out more

For more information
visit our product catalog at
<http://www.honeywell.co.kr/acs/ecc>

Automation and Control Solutions Environmental and Combustion Controls

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