PENTAIR
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# INTELLIDRIVE XL

P11864WS (10-15-2022)

# PRODUCT SELECTION GUIDE

PH: 866-973-6835 | ORDERS FX: 1-800-426-9446

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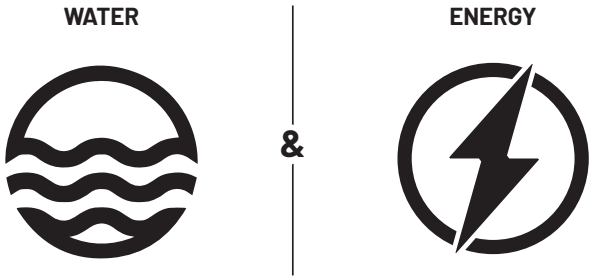
**AN EASY WAY TO MANAGE**




Pentair Pentek* Intellidrive* XL, the latest addition to our line of variable frequency drives, is designed for large horsepower pumping applications. Selection is easy. Setup for single pump, constant pressure is simple. And you have powerful opportunities to customize as needs arise. All backed by expert, dedicated tech support, available to quickly and efficiently resolve any issues.

# HOW TO SELECT YOUR DRIVE

This selection guide will help you specify the correct drive and accessories required for your application.

**STEP 1 : SELECT THE DRIVE**

| CHOOSE INPUT PHASE, VOLTAGE, AND MOTOR AMPS | SELECT ENCLOSURE | CHOOSE DISCONNECT TYPE |
|---|---|---|
| 1 Phase, 200-240V, 16.7-88A | IP20/Open Chassis - To be mounted inside another enclosure | None (ND) - No disconnect included with the drive. |
| 1 Phase, 380-480V, 14.5-65A | NEMA 1 - Indoor locations | Standard (SD) - Integrated disconnect in the drive. |
| 3 Phase, 200-240V, 4.6-170A | NEMA 12 - Indoor locations with protection against dirt/ dust and dripping/splashing water | Fused (FD) - Integrated and fused disconnect in the drive. |
| 3 Phase, 380-480V, 2.1-730A | NEMA 3R - Outdoor and indoor locations with protection against dirt/dust and rain, sleet, and snow | |
| 3 Phase, 525-600V, 1.7-630A | NEMA 4X - Outdoor and indoor locations with protection against dirt/dust and rain, sleet, and snow and hose directed water | |

**STEP 2: SELECT REQUIRED FILTER/REACTOR^**

**FILTERS**

| NEMA 3R, 230V, 460V OR 575V MODEL | RATED AMPS |
|---|---|
| V1K2A03 | 2 |
| V1K3A03 | 3 |
| V1K4A03 | 4 |
| V1K6A03 | 6 |
| V1K8A03 | 8 |
| V1K12A03 | 12 |
| V1K18A03 | 18 |
| V1K25A03 | 25 |
| V1K27A03 | 27 |
| V1K35A03 | 35 |
| V1K45A03 | 45 |
| V1K55A03 | 55 |
| V1K80A03 | 80 |
| V1K110A03 | 110 |
| V1K130A03 | 130 |
| V1K160A03 | 160 |

**REACTORS**

| OPEN DESIGN 230 OR 460V MODEL | RATED AMPS |
|---|---|
| KDRA2P | 4.8 |
| KDRA3P | 7.6 |
| KDRA4P | 11 |
| KDRD1P | 21 |
| KDRD2P | 27 |
| KDRH1P | 124 |

| NEMA1 575 V MODEL | RATES AMPS |
|---|---|
| KDRA33PC1 | 6.1 |
| KDRA36PC1 | 11 |
| KDRD31PC2 | 17 |
| KDRD32PC2 | 124 |

| ENCLOSED DESIGN 230 OR 460V MODEL | RATED AMPS |
|---|---|
| KDRA1PC1 | 3.4 |
| KDRA2PC1 | 4.8 |
| KDRA3PC1 | 7.6 |
| KDRB1PC1 | 14 |
| KDRD1PC2 | 21 |
| KDRD2PC2 | 27 |
| KDRD3PC2 | 34 |
| KDRD4PC2 | 40 |
| KDRC1PC2 | 52 |
| KDRF1PC3 | 65 |
| KDRF2PC3 | 77 |
| KDRF3PC4 | 96 |
| KDRH1PC4 | 124 |

**STEP 3: SELECT A TRANSDUCER^**

| 100PSI | 300PSI |
|---|---|
| U17-1561-R | Transducer, 0-100psi 4-20 MA |
| U17-2000 | Transducer 300psi |

**STEP 4: SELECT A TRANSDUCER CABLE^**

| CATALOG NUMBER | DESCRIPTION |
|---|---|
| VFD-10TCB | Transducer Cable 10FT |
| VFD-20TCB | Transducer Cable 20FT 3R |
| VFD-50TCB | Transducer Cable 50FT 3R |
| VFD-100TCB | Transducer Cable 100FT 3R |
| VFD-200TCB | Transducer Cable 200FT 3R |

All of our products are backed by expert, dedicated technical support that is available to quickly and efficiently resolve any issues or answer questions about selecting a drive. For technical issues and immediate assistance, please call 866.973.6835

^Item not included in drive purchase.

## NOMENCLATURE

**Model Number** **PID 0010 1 2 FD BP -01**

**Model**
PID

**Horsepower**
0010 = 1 HP
0075 = 7.5 HP
0100 = 10 HP
1000 = 100 HP

**Note**: Horsepower is only approximate. Verify VFD size using motor Service Factor Amps. Failure to verify may result in the VFD not turning the motor at full speed or failure to start the motor.

**Enclosure**
0 = IP20/Open chassis
1 = NEMA 1
2 = NEMA 12
3 = NEMA 3R
4 = NEMA 4X

**Voltage**
2 = 230V, 1 PH
3 = 230V, 3 PH
4 = 460V, 3 PH
5 = 575V, 3 PH
9 = 460V, 1 PH

**Fused Disconnect**
ND = No Disconnect
SD = Standard Disconnect
FD = Fused Disconnect

**Backplate**
Blank = None
BP = with Backplate

**Revision Code**
Blank = None
-01 = First revision

**APPROXIMATE DIMENSIONS**

| Frame Size | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | C1 | C2 | C3 | C4 | D1 | D2 | E1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth (in) | 9 | 9 | 7 | 8 | 10 | 10 | 10 | 10 | 12 | 13 | 13 | 13 | 15 | 15 | 19 |
| Width (in) | 4 | 5 | 8 | 10 | 10 | 10 | 7 | 9 | 12 | 15 | 12 | 15 | 13 | 17 | 24 |
| Height (in) | 11 | 11 | 17 | 17 | 19 | 26 | 16 | 20 | 27 | 30 | 21 | 26 | 36 | 44 | 79 |

# PRODUCT DETAILS

**230V 1-PHASE INPUT DRIVES (VARIOUS ENCLOSURES, NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | NEMA RATING | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|---|
| 16.7 | 200-240 | 1 | 1 | PID005012ND | VFD NEMA 1 ND 16.7A 230V 1PH | 51 | B1 |
| 24.2 | 200-240 | 1 | 1 | PID007512ND | VFD NEMA 1 ND 24.2A 230V 1PH | 51 | B1 |
| 30.8 | 200-240 | 1 | 1 | PID010012ND | VFD NEMA 1 ND 30.8A 230V 1PH | 60 | B2 |
| 59.4 | 200-240 | 1 | 1 | PID020012ND | VFD NEMA 1 ND 59.4A 230V 1PH | 99 | C1 |
| 88 | 200-240 | 1 | 1 | PID030012ND | VFD NEMA 1 ND 88A 230V 1PH | 143 | C2 |
| 16.7 | 200-240 | 1 | 3R | PID005032NDBP | VFD NEMA 3R ND 16.7A 230V 1PH | 51 | B1 |
| 24.2 | 200-240 | 1 | 3R | PID007532NDBP | VFD NEMA 3R ND 24.2A 230V 1PH | 51 | B1 |
| 30.8 | 200-240 | 1 | 3R | PID010032NDBP | VFD NEMA 3R ND 30.8A 230V 1PH | 60 | B2 |
| 59.4 | 200-240 | 1 | 3R | PID020032NDBP | VFD NEMA 3R ND 59.4A 230V 1PH | 99 | C1 |
| 88 | 200-240 | 1 | 3R | PID030032NDBP | VFD NEMA 3R ND 88A 230V 1PH | 143 | C2 |
| 16.7 | 200-240 | 1 | 4X | PID005042NDBP | VFD NEMA 4X ND 16.7A 230V 1PH | 51 | B1 |
| 24.2 | 200-240 | 1 | 4X | PID007542NDBP | VFD NEMA 4X ND 24.2A 230V 1PH | 51 | B1 |
| 30.8 | 200-240 | 1 | 4X | PID010042NDBP | VFD NEMA 4X ND 30.8A 230V 1PH | 60 | B2 |
| 59.4 | 200-240 | 1 | 4X | PID020042NDBP | VFD NEMA 4X ND 59.4A 230V 1PH | 99 | C1 |
| 88 | 200-240 | 1 | 4X | PID030042NDBP | VFD NEMA 4X ND 88A 230V 1PH | 143 | C2 |

**230V 1-PHASE INPUT DRIVES (VARIOUS ENCLOSURES, STANDARD DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | NEMA RATING | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|---|
| 16.7 | 200-240 | 1 | 1 | PID005012SD | VFD NEMA 1 SD 16.7A 230V 1PH | 51 | B1 |
| 24.2 | 200-240 | 1 | 1 | PID007512SD | VFD NEMA 1 SD 24.2A 230V 1PH | 51 | B1 |
| 30.8 | 200-240 | 1 | 1 | PID010012SD | VFD NEMA 1 SD 30.8A 230V 1PH | 60 | B2 |
| 59.4 | 200-240 | 1 | 1 | PID020012SD | VFD NEMA 1 SD 59.4A 230V 1PH | 99 | C1 |
| 88 | 200-240 | 1 | 1 | PID030012SD | VFD NEMA 1 SD 88A 230V 1PH | 143 | C2 |
| 16.7 | 200-240 | 1 | 3R | PID005032SDBP | VFD NEMA 3R SD 16.7A 230V 1PH | 51 | B1 |
| 24.2 | 200-240 | 1 | 3R | PID007532SDBP | VFD NEMA 3R SD 24.2A 230V 1PH | 51 | B1 |
| 30.8 | 200-240 | 1 | 3R | PID010032SDBP | VFD NEMA 3R SD 30.8A 230V 1PH | 60 | B2 |
| 59.4 | 200-240 | 1 | 3R | PID020032SDBP | VFD NEMA 3R SD 59.4A 230V 1PH | 99 | C1 |
| 88 | 200-240 | 1 | 3R | PID030032SDBP | VFD NEMA 3R SD 88A 230V 1PH | 143 | C2 |
| 16.7 | 200-240 | 1 | 4X | PID005042SDBP | VFD NEMA 4X SD 16.7A 230V 1PH | 51 | B1 |
| 24.2 | 200-240 | 1 | 4X | PID007542SDBP | VFD NEMA 4X SD 24.2A 230V 1PH | 51 | B1 |
| 30.8 | 200-240 | 1 | 4X | PID010042SDBP | VFD NEMA 4X SD 30.8A 230V 1PH | 60 | B2 |
| 59.4 | 200-240 | 1 | 4X | PID020042SDBP | VFD NEMA 4X SD 59.4A 230V 1PH | 99 | C1 |
| 88 | 200-240 | 1 | 4X | PID030042SDBP | VFD NEMA 4X SD 88A 230V 1PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**460V 1-PHASE INPUT DRIVES (VARIOUS ENCLOSURES, NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | NEMA RATING | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|---|
| 14.5 | 380-480 | 1 | 1 | PID010019ND | VFD NEMA 1 ND 14.5A 460V 1PH | 51 | B1 |
| 21 | 380-480 | 1 | 1 | PID015019ND | VFD NEMA 1 ND 21A 460V 1PH | 60 | B2 |
| 34 | 380-480 | 1 | 1 | PID025019ND | VFD NEMA 1 ND 34A 460V 1PH | 99 | C1 |
| 65 | 380-480 | 1 | 1 | PID050019ND | VFD NEMA 1 ND 65A 460V 1PH | 143 | C2 |
| 14.5 | 380-480 | 1 | 3R | PID010039NDBP | VFD NEMA 3R ND 14.5A 460V 1PH | 51 | B1 |
| 21 | 380-480 | 1 | 3R | PID015039NDBP | VFD NEMA 3R ND 21A 460V 1PH | 60 | B2 |
| 34 | 380-480 | 1 | 3R | PID025039NDBP | VFD NEMA 3R ND 34A 460V 1PH | 99 | C1 |
| 65 | 380-480 | 1 | 3R | PID050039NDBP | VFD NEMA 3R ND 65A 460V 1PH | 143 | C2 |
| 14.5 | 380-480 | 1 | 4X | PID010049NDBP | VFD NEMA 4X ND 14.5A 460V 1PH | 51 | B1 |
| 21 | 380-480 | 1 | 4X | PID015049NDBP | VFD NEMA 4X ND 21A 460V 1PH | 60 | B2 |
| 34 | 380-480 | 1 | 4X | PID025049NDBP | VFD NEMA 4X ND 34A 460V 1PH | 99 | C1 |
| 65 | 380-480 | 1 | 4X | PID050049NDBP | VFD NEMA 4X ND 65A 460V 1PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 1 ENCLOSURE (NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 4.6 | 200-240 | 3 | PID001013ND | VFD NEMA 1 ND 4.6A 230V 3PH | 11 | A2 |
| 7.5 | 200-240 | 3 | PID002013ND | VFD NEMA 1 ND 7.5A 230V 3PH | 11 | A2 |
| 10.6 | 200-240 | 3 | PID003013ND | VFD NEMA 1 ND 10.6A 230V 3PH | 11 | A2 |
| 16.7 | 200-240 | 3 | PID005013ND | VFD NEMA 1 ND 16.7A 230V 3PH | 15 | A3 |
| 24.2 | 200-240 | 3 | PID007513ND | VFD NEMA 1 ND 24.2A 230V 3PH | 51 | B1 |
| 30.8 | 200-240 | 3 | PID010013ND | VFD NEMA 1 ND 30.8A 230V 3PH | 51 | B1 |
| 46.2 | 200-240 | 3 | PID015013ND | VFD NEMA 1 ND 46.2A 230V 3PH | 51 | B1 |
| 59.4 | 200-240 | 3 | PID020013ND | VFD NEMA 1 ND 59.4A 230V 3PH | 53 | B4 |
| 74.8 | 200-240 | 3 | PID025013ND | VFD NEMA 1 ND 74.8A 230V 3PH | 99 | C1 |
| 88 | 200-240 | 3 | PID030013ND | VFD NEMA 1 ND 88A 230V 3PH | 99 | C1 |
| 115 | 200-240 | 3 | PID040013ND | VFD NEMA 1 ND 115A 230V 3PH | 99 | C1 |
| 143 | 200-240 | 3 | PID050013ND | VFD NEMA 1 ND 143A 230V 3PH | 110 | C4 |
| 170 | 200-240 | 3 | PID060013ND | VFD NEMA 1 ND 170A 230V 3PH | 110 | C4 |
| 2.1 | 380-480 | 3 | PID001014ND | VFD NEMA 1 ND 2.1A 460V 3PH | 11 | A2 |
| 3.4 | 380-480 | 3 | PID002014ND | VFD NEMA 1 ND 3.4A 460V 3PH | 11 | A2 |
| 4.8 | 380-480 | 3 | PID003014ND | VFD NEMA 1 ND 4.8A 460V 3PH | 11 | A2 |
| 8.2 | 380-480 | 3 | PID005014ND | VFD NEMA 1 ND 8.2A 460V 3PH | 11 | A2 |
| 11 | 380-480 | 3 | PID007514ND | VFD NEMA 1 ND 11A 460V 3PH | 15 | A3 |
| 14.5 | 380-480 | 3 | PID010014ND | VFD NEMA 1 ND 14.5A 460V 3PH | 15 | A3 |
| 21 | 380-480 | 3 | PID015014ND | VFD NEMA 1 ND 21A 460V 3PH | 51 | B1 |
| 27 | 380-480 | 3 | PID020014ND | VFD NEMA 1 ND 27A 460V 3PH | 51 | B1 |
| 34 | 380-480 | 3 | PID025014ND | VFD NEMA 1 ND 34A 460V 3PH | 51 | B1 |
| 40 | 380-480 | 3 | PID030014ND | VFD NEMA 1 ND 40A 460V 3PH | 60 | B2 |
| 52 | 380-480 | 3 | PID040014ND | VFD NEMA 1 ND 52A 460V 3PH | 60 | B2 |
| 65 | 380-480 | 3 | PID050014ND | VFD NEMA 1 ND 65A 460V 3PH | 99 | C1 |
| 80 | 380-480 | 3 | PID060014ND | VFD NEMA 1 ND 80A 460V 3PH | 99 | C1 |
| 105 | 380-480 | 3 | PID075014ND | VFD NEMA 1 ND 105A 460V 3PH | 99 | C1 |
| 130 | 380-480 | 3 | PID100014ND | VFD NEMA 1 ND 130A 460V 3PH | 143 | C2 |
| 160 | 380-480 | 3 | PID125014ND | VFD NEMA 1 ND 160A 460V 3PH | 143 | C2 |
| 1.7 | 525-600 | 3 | PID001015ND | VFD NEMA 1 ND 1.7A 575V 3PH | 11 | A2 |
| 2.7 | 525-600 | 3 | PID002015ND | VFD NEMA 1 ND 2.7A 575V 3PH | 11 | A2 |
| 3.9 | 525-600 | 3 | PID003015ND | VFD NEMA 1 ND 3.9A 575V 3PH | 11 | A2 |
| 6.1 | 525-600 | 3 | PID005015ND | VFD NEMA 1 ND 6.1A 575V 3PH | 11 | A2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 1 ENCLOSURE (NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 9 | 525-600 | 3 | PID007515ND | VFD NEMA 1 ND 9A 575V 3PH | 15 | A3 |
| 11 | 525-600 | 3 | PID010015ND | VFD NEMA 1 ND 11A 575V 3PH | 15 | A3 |
| 18 | 525-600 | 3 | PID015015ND | VFD NEMA 1 ND 18A 575V 3PH | 51 | B1 |
| 22 | 525-600 | 3 | PID020015ND | VFD NEMA 1 ND 22A 575V 3PH | 51 | B1 |
| 27 | 525-600 | 3 | PID025015ND | VFD NEMA 1 ND 27A 575V 3PH | 51 | B1 |
| 34 | 525-600 | 3 | PID030015ND | VFD NEMA 1 ND 34A 575V 3PH | 53 | B4 |
| 41 | 525-600 | 3 | PID040015ND | VFD NEMA 1 ND 41A 575V 3PH | 53 | B4 |
| 52 | 525-600 | 3 | PID050015ND | VFD NEMA 1 ND 52A 575V 3PH | 53 | B4 |
| 62 | 525-600 | 3 | PID060015ND | VFD NEMA 1 ND 62A 575V 3PH | 99 | C1 |
| 83 | 525-600 | 3 | PID075015ND | VFD NEMA 1 ND 83A 575V 3PH | 99 | C1 |
| 100 | 525-600 | 3 | PID100015ND | VFD NEMA 1 ND 100A 575V 3PH | 143 | C2 |
| 131 | 525-600 | 3 | PID125015ND | VFD NEMA 1 ND 131A 575V 3PH | 229 | D1h |

**NEMA 1 ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 4.6 | 200-240 | 3 | PID001013FD | VFD NEMA 1 FD 4.6A 230V 3PH | 11 | A2 |
| 7.5 | 200-240 | 3 | PID002013FD | VFD NEMA 1 FD 7.5A 230V 3PH | 11 | A2 |
| 10.6 | 200-240 | 3 | PID003013FD | VFD NEMA 1 FD 10.6A 230V 3PH | 11 | A2 |
| 16.7 | 200-240 | 3 | PID005013FD | VFD NEMA 1 FD 16.7A 230V 3PH | 15 | A3 |
| 24.2 | 200-240 | 3 | PID007513FD | VFD NEMA 1 FD 24.2A 230V 3PH | 51 | B1 |
| 30.8 | 200-240 | 3 | PID010013FD | VFD NEMA 1 FD 30.8A 230V 3PH | 51 | B1 |
| 46.2 | 200-240 | 3 | PID015013FD | VFD NEMA 1 FD 46.2A 230V 3PH | 51 | B1 |
| 59.4 | 200-240 | 3 | PID020013FD | VFD NEMA 1 FD 59.4A 230V 3PH | 53 | B4 |
| 74.8 | 200-240 | 3 | PID025013FD | VFD NEMA 1 FD 74.8A 230V 3PH | 99 | C1 |
| 88 | 200-240 | 3 | PID030013FD | VFD NEMA 1 FD 88A 230V 3PH | 99 | C1 |
| 115 | 200-240 | 3 | PID040013FD | VFD NEMA 1 FD 115A 230V 3PH | 99 | C1 |
| 143 | 200-240 | 3 | PID050013FD | VFD NEMA 1 FD 143A 230V 3PH | 110 | C4 |
| 170 | 200-240 | 3 | PID060013FD | VFD NEMA 1 FD 170A 230V 3PH | 110 | C4 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 1 ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 2.1 | 380-480 | 3 | PID001014FD | VFD NEMA 1 FD 2.1A 460V 3PH | 11 | A2 |
| 3.4 | 380-480 | 3 | PID002014FD | VFD NEMA 1 FD 3.4A 460V 3PH | 11 | A2 |
| 4.8 | 380-480 | 3 | PID003014FD | VFD NEMA 1 FD 4.8A 460V 3PH | 11 | A2 |
| 8.2 | 380-480 | 3 | PID005014FD | VFD NEMA 1 FD 8.2A 460V 3PH | 11 | A2 |
| 11 | 380-480 | 3 | PID007514FD | VFD NEMA 1 FD 11A 460V 3PH | 15 | A3 |
| 14.5 | 380-480 | 3 | PID010014FD | VFD NEMA 1 FD 14.5A 460V 3PH | 15 | A3 |
| 21 | 380-480 | 3 | PID015014FD | VFD NEMA 1 FD 21A 460V 3PH | 51 | B1 |
| 27 | 380-480 | 3 | PID020014FD | VFD NEMA 1 FD 27A 460V 3PH | 51 | B1 |
| 34 | 380-480 | 3 | PID025014FD | VFD NEMA 1 FD 34A 460V 3PH | 51 | B1 |
| 40 | 380-480 | 3 | PID030014FD | VFD NEMA 1 FD 40A 460V 3PH | 60 | B2 |
| 52 | 380-480 | 3 | PID040014FD | VFD NEMA 1 FD 52A 460V 3PH | 60 | B2 |
| 65 | 380-480 | 3 | PID050014FD | VFD NEMA 1 FD 65A 460V 3PH | 99 | C1 |
| 80 | 380-480 | 3 | PID060014FD | VFD NEMA 1 FD 80A 460V 3PH | 99 | C1 |
| 105 | 380-480 | 3 | PID075014FD | VFD NEMA 1 FD 105A 460V 3PH | 99 | C1 |
| 130 | 380-480 | 3 | PID100014FD | VFD NEMA 1 FD 130A 460V 3PH | 143 | C2 |
| 160 | 380-480 | 3 | PID125014FD | VFD NEMA 1 FD 160A 460V 3PH | 143 | C2 |
| 190 | 380-480 | 3 | PID150014FD | VFD NEMA 1 FD 190A 460V 3PH | 229 | D1h |
| 240 | 380-480 | 3 | PID200014FD | VFD NEMA 1 FD 240A 460V 3PH | 229 | D1h |
| 302 | 380-480 | 3 | PID250014FD | VFD NEMA 1 FD 302A 460V 3PH | 229 | D1h |
| 361 | 380-480 | 3 | PID300014FD | VFD NEMA 1 FD 361A 460V 3PH | 332 | D2h |
| 443 | 380-480 | 3 | PID350014FD | VFD NEMA 1 FD 443A 460V 3PH | 332 | D2h |
| 540 | 380-480 | 3 | PID450014FD | VFD NEMA 1 FD 540A 460V 3PH | 332 | D2h |
| 590 | 380-480 | 3 | PID500014FD | VFD NEMA 1 FD 590A 460V 3PH | 689 | E1 |
| 678 | 380-480 | 3 | PID550014FD | VFD NEMA 1 FD 678A 460V 3PH | 689 | E1 |
| 730 | 380-480 | 3 | PID600014FD | VFD NEMA 1 FD 730A 460V 3PH | 689 | E1 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 1 ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 1.7 | 525-600 | 3 | PID001015FD | VFD NEMA 1 FD 1.7A 575V 3PH | 11 | A2 |
| 2.7 | 525-600 | 3 | PID002015FD | VFD NEMA 1 FD 2.7A 575V 3PH | 11 | A2 |
| 3.9 | 525-600 | 3 | PID003015FD | VFD NEMA 1 FD 3.9A 575V 3PH | 11 | A2 |
| 6.1 | 525-600 | 3 | PID005015FD | VFD NEMA 1 FD 6.1A 575V 3PH | 11 | A2 |
| 9 | 525-600 | 3 | PID007515FD | VFD NEMA 1 FD 9A 575V 3PH | 15 | A3 |
| 11 | 525-600 | 3 | PID010015FD | VFD NEMA 1 FD 11A 575V 3PH | 15 | A3 |
| 18 | 525-600 | 3 | PID015015FD | VFD NEMA 1 FD 18A 575V 3PH | 51 | B1 |
| 22 | 525-600 | 3 | PID020015FD | VFD NEMA 1 FD 22A 575V 3PH | 51 | B1 |
| 27 | 525-600 | 3 | PID025015FD | VFD NEMA 1 FD 27A 575V 3PH | 51 | B1 |
| 34 | 525-600 | 3 | PID030015FD | VFD NEMA 1 FD 34A 575V 3PH | 53 | B4 |
| 41 | 525-600 | 3 | PID040015FD | VFD NEMA 1 FD 41A 575V 3PH | 53 | B4 |
| 52 | 525-600 | 3 | PID050015FD | VFD NEMA 1 FD 52A 575V 3PH | 53 | B4 |
| 62 | 525-600 | 3 | PID060015FD | VFD NEMA 1 FD 62A 575V 3PH | 99 | C1 |
| 83 | 525-600 | 3 | PID075015FD | VFD NEMA 1 FD 83A 575V 3PH | 99 | C1 |
| 100 | 525-600 | 3 | PID100015FD | VFD NEMA 1 FD 100A 575V 3PH | 143 | C2 |
| 131 | 525-600 | 3 | PID125015FD | VFD NEMA 1 FD 131A 575V 3PH | 229 | D1h |
| 155 | 525-600 | 3 | PID150015FD | VFD NEMA 1 FD 155A 575V 3PH | 22 | D1h |
| 192 | 525-600 | 3 | PID200015FD | VFD NEMA 1 FD 192A 575V 3PH | 229 | D1h |
| 242 | 525-600 | 3 | PID250015FD | VFD NEMA 1 FD 242A 575V 3PH | 332 | D2h |
| 290 | 525-600 | 3 | PID300015FD | VFD NEMA 1 FD 290A 575V 3PH | 332 | D2h |
| 344 | 525-600 | 3 | PID350015FD | VFD NEMA 1 FD 344A 575V 3PH | 332 | D2h |
| 450 | 525-600 | 3 | PID450015FD | VFD NEMA 1 FD 450A 575V 3PH | 689 | E1 |
| 500 | 525-600 | 3 | PID500015FD | VFD NEMA 1 FD 500A 575V 3PH | 689 | E1 |
| 570 | 525-600 | 3 | PID560015FD | VFD NEMA 1 FD 570A 575V 3PH | 689 | E1 |
| 630 | 525-600 | 3 | PID630015FD | VFD NEMA 1 FD 630A 575V 3PH | 689 | E1 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 12 ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 190 | 380-480 | 3 | PID150024FD | VFD NEMA 12 FD 190A 460V 3PH | 229 | D1h |
| 240 | 380-480 | 3 | PID200024FD | VFD NEMA 12 FD 240A 460V 3PH | 229 | D1h |
| 302 | 380-480 | 3 | PID250024FD | VFD NEMA 12 FD 302A 460V 3PH | 229 | D1h |
| 361 | 380-480 | 3 | PID300024FD | VFD NEMA 12 FD 361A 460V 3PH | 332 | D2h |
| 443 | 380-480 | 3 | PID350024FD | VFD NEMA 12 FD 443A 460V 3PH | 332 | D2h |
| 540 | 380-480 | 3 | PID450024FD | VFD NEMA 12 FD 540A 460V 3PH | 332 | D2h |
| 590 | 380-480 | 3 | PID500024FD | VFD NEMA 12 FD 590A 460V 3PH | 689 | E1 |
| 678 | 380-480 | 3 | PID550024FD | VFD NEMA 12 FD 678A 460V 3PH | 689 | E1 |
| 730 | 380-480 | 3 | PID600024FD | VFD NEMA 12 FD 730A 460V 3PH | 689 | E1 |
| 155 | 525-600 | 3 | PID150025FD | VFD NEMA 12 FD 155A 575V 3PH | 229 | D1h |
| 192 | 525-600 | 3 | PID200025FD | VFD NEMA 12 FD 192A 575V 3PH | 229 | D1h |
| 242 | 525-600 | 3 | PID250025FD | VFD NEMA 12 FD 242A 575V 3PH | 332 | D2h |
| 290 | 525-600 | 3 | PID300025FD | VFD NEMA 12 FD 290A 575V 3PH | 332 | D2h |
| 344 | 525-600 | 3 | PID350025FD | VFD NEMA 12 FD 344A 575V 3PH | 332 | D2h |
| 450 | 525-600 | 3 | PID450025FD | VFD NEMA 12 FD 450A 575V 3PH | 689 | E1 |
| 500 | 525-600 | 3 | PID500025FD | VFD NEMA 12 FD 500A 575V 3PH | 689 | E1 |
| 570 | 525-600 | 3 | PID560025FD | VFD NEMA 12 FD 570A 575V 3PH | 689 | E1 |
| 630 | 525-600 | 3 | PID630025FD | VFD NEMA 12 FD 630A 575V 3PH | 689 | E1 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 3R ENCLOSURE (NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 4.6 | 200-240 | 3 | PID001033NDBP | VFD NEMA 3R ND 4.6A 230V 3PH | 24 | A4 |
| 7.5 | 200-240 | 3 | PID002033NDBP | VFD NEMA 3R ND 7.5A 230V 3PH | 24 | A4 |
| 10.6 | 200-240 | 3 | PID003033NDBP | VFD NEMA 3R ND 10.6A 230V 3PH | 24 | A4 |
| 16.7 | 200-240 | 3 | PID005033NDBP | VFD NEMA 3R ND 16.7A 230V 3PH | 31 | A5 |
| 24.2 | 200-240 | 3 | PID007533NDBP | VFD NEMA 3R ND 24.2A 230V 3PH | 51 | B1 |
| 30.8 | 200-240 | 3 | PID010033NDBP | VFD NEMA 3R ND 30.8A 230V 3PH | 51 | B1 |
| 46.2 | 200-240 | 3 | PID015033NDBP | VFD NEMA 3R ND 46.2A 230V 3PH | 51 | B1 |
| 59.4 | 200-240 | 3 | PID020033NDBP | VFD NEMA 3R ND 59.4A 230V 3PH | 60 | B2 |
| 74.8 | 200-240 | 3 | PID025033NDBP | VFD NEMA 3R ND 74.8A 230V 3PH | 99 | C1 |
| 88 | 200-240 | 3 | PID030033NDBP | VFD NEMA 3R ND 88A 230V 3PH | 99 | C1 |
| 115 | 200-240 | 3 | PID040033NDBP | VFD NEMA 3R ND 115A 230V 3PH | 99 | C1 |
| 143 | 200-240 | 3 | PID050033NDBP | VFD NEMA 3R ND 143A 230V 3PH | 143 | C2 |
| 170 | 200-240 | 3 | PID060033NDBP | VFD NEMA 3R ND 170A 230V 3PH | 143 | C2 |
| 2.1 | 380-480 | 3 | PID001034NDBP | VFD NEMA 3R ND 2.1A 460V 3PH | 24 | A4 |
| 3.4 | 380-480 | 3 | PID002034NDBP | VFD NEMA 3R ND 3.4A 460V 3PH | 24 | A4 |
| 4.8 | 380-480 | 3 | PID003034NDBP | VFD NEMA 3R ND 4.8A 460V 3PH | 24 | A4 |
| 8.2 | 380-480 | 3 | PID005034NDBP | VFD NEMA 3R ND 8.2A 460V 3PH | 24 | A4 |
| 11 | 380-480 | 3 | PID007534NDBP | VFD NEMA 3R ND 11A 460V 3PH | 31 | A5 |
| 14.5 | 380-480 | 3 | PID010034NDBP | VFD NEMA 3R ND 14.5A 460V 3PH | 31 | A5 |
| 21 | 380-480 | 3 | PID015034NDBP | VFD NEMA 3R ND 21A 460V 3PH | 51 | B1 |
| 27 | 380-480 | 3 | PID020034NDBP | VFD NEMA 3R ND 27A 460V 3PH | 51 | B1 |
| 34 | 380-480 | 3 | PID025034NDBP | VFD NEMA 3R ND 34A 460V 3PH | 51 | B1 |
| 40 | 380-480 | 3 | PID030034NDBP | VFD NEMA 3R ND 40A 460V 3PH | 60 | B2 |
| 52 | 380-480 | 3 | PID040034NDBP | VFD NEMA 3R ND 52A 460V 3PH | 60 | B2 |
| 65 | 380-480 | 3 | PID050034NDBP | VFD NEMA 3R ND 65A 460V 3PH | 99 | C1 |
| 80 | 380-480 | 3 | PID060034NDBP | VFD NEMA 3R ND 80A 460V 3PH | 99 | C1 |
| 105 | 380-480 | 3 | PID075034NDBP | VFD NEMA 3R ND 105A 460V 3PH | 99 | C1 |
| 130 | 380-480 | 3 | PID100034NDBP | VFD NEMA 3R ND 130A 460V 3PH | 143 | C2 |
| 160 | 380-480 | 3 | PID125034NDBP | VFD NEMA 3R ND 160A 460V 3PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 3R ENCLOSURE (NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 1.7 | 525-600 | 3 | PID001035NDBP | VFD NEMA 3R ND 1.7A 575V 3PH | 24 | A4 |
| 2.7 | 525-600 | 3 | PID002035NDBP | VFD NEMA 3R ND 2.7A 575V 3PH | 24 | A4 |
| 3.9 | 525-600 | 3 | PID003035NDBP | VFD NEMA 3R ND 3.9A 575V 3PH | 24 | A4 |
| 6.1 | 525-600 | 3 | PID005035NDBP | VFD NEMA 3R ND 6.1A 575V 3PH | 24 | A4 |
| 9 | 525-600 | 3 | PID007535NDBP | VFD NEMA 3R ND 9A 575V 3PH | 31 | A5 |
| 11 | 525-600 | 3 | PID010035NDBP | VFD NEMA 3R ND 11A 575V 3PH | 31 | A5 |
| 18 | 525-600 | 3 | PID015035NDBP | VFD NEMA 3R ND 18A 575V 3PH | 51 | B1 |
| 22 | 525-600 | 3 | PID020035NDBP | VFD NEMA 3R ND 22A 575V 3PH | 51 | B1 |
| 27 | 525-600 | 3 | PID025035NDBP | VFD NEMA 3R ND 27A 575V 3PH | 51 | B1 |
| 34 | 525-600 | 3 | PID030035NDBP | VFD NEMA 3R ND 34A 575V 3PH | 60 | B2 |
| 41 | 525-600 | 3 | PID040035NDBP | VFD NEMA 3R ND 41A 575V 3PH | 60 | B2 |
| 52 | 525-600 | 3 | PID050035NDBP | VFD NEMA 3R ND 52A 575V 3PH | 60 | B2 |
| 62 | 525-600 | 3 | PID060035NDBP | VFD NEMA 3R ND 62A 575V 3PH | 99 | C1 |
| 83 | 525-600 | 3 | PID075035NDBP | VFD NEMA 3R ND 83A 575V 3PH | 99 | C1 |
| 100 | 525-600 | 3 | PID100035NDBP | VFD NEMA 3R ND 100A 575V 3PH | 143 | C2 |
| 131 | 525-600 | 3 | PID125035NDBP | VFD NEMA 3R ND 131A 575V 3PH | 229 | D1h |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 3R ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 4.6 | 200-240 | 3 | PID001033FDBP | VFD NEMA 3R FD 4.6A 230V 3PH | 24 | A4 |
| 7.5 | 200-240 | 3 | PID002033FDBP | VFD NEMA 3R FD 7.5A 230V 3PH | 24 | A4 |
| 10.6 | 200-240 | 3 | PID003033FDBP | VFD NEMA 3R FD 10.6A 230V 3PH | 24 | A4 |
| 16.7 | 200-240 | 3 | PID005033FDBP | VFD NEMA 3R FD 16.7A 230V 3PH | 31 | A5 |
| 24.2 | 200-240 | 3 | PID007533FDBP | VFD NEMA 3R FD 24.2A 230V 3PH | 51 | B1 |
| 30.8 | 200-240 | 3 | PID010033FDBP | VFD NEMA 3R FD 30.8A 230V 3PH | 51 | B1 |
| 46.2 | 200-240 | 3 | PID015033FDBP | VFD NEMA 3R FD 46.2A 230V 3PH | 51 | B1 |
| 59.4 | 200-240 | 3 | PID020033FDBP | VFD NEMA 3R FD 59.4A 230V 3PH | 60 | B2 |
| 74.8 | 200-240 | 3 | PID025033FDBP | VFD NEMA 3R FD 74.8A 230V 3PH | 99 | C1 |
| 88 | 200-240 | 3 | PID030033FDBP | VFD NEMA 3R FD 88A 230V 3PH | 99 | C1 |
| 115 | 200-240 | 3 | PID040033FDBP | VFD NEMA 3R FD 115A 230V 3PH | 99 | C1 |
| 143 | 200-240 | 3 | PID050033FDBP | VFD NEMA 3R FD 143A 230V 3PH | 143 | C2 |
| 170 | 200-240 | 3 | PID060033FDBP | VFD NEMA 3R FD 170A 230V 3PH | 143 | C2 |
| 2.1 | 380-480 | 3 | PID001034FDBP | VFD NEMA 3R FD 2.1A 460V 3PH | 24 | A4 |
| 3.4 | 380-480 | 3 | PID002034FDBP | VFD NEMA 3R FD 3.4A 460V 3PH | 24 | A4 |
| 4.8 | 380-480 | 3 | PID003034FDBP | VFD NEMA 3R FD 4.8A 460V 3PH | 24 | A4 |
| 8.2 | 380-480 | 3 | PID005034FDBP | VFD NEMA 3R FD 8.2A 460V 3PH | 24 | A4 |
| 11 | 380-480 | 3 | PID007534FDBP | VFD NEMA 3R FD 11A 460V 3PH | 31 | A5 |
| 14.5 | 380-480 | 3 | PID010034FDBP | VFD NEMA 3R FD 14.5A 460V 3PH | 31 | A5 |
| 21 | 380-480 | 3 | PID015034FDBP | VFD NEMA 3R FD 21A 460V 3PH | 51 | B1 |
| 27 | 380-480 | 3 | PID020034FDBP | VFD NEMA 3R FD 27A 460V 3PH | 51 | B1 |
| 34 | 380-480 | 3 | PID025034FDBP | VFD NEMA 3R FD 34A 460V 3PH | 51 | B1 |
| 40 | 380-480 | 3 | PID030034FDBP | VFD NEMA 3R FD 40A 460V 3PH | 60 | B2 |
| 52 | 380-480 | 3 | PID040034FDBP | VFD NEMA 3R FD 52A 460V 3PH | 60 | B2 |
| 65 | 380-480 | 3 | PID050034FDBP | VFD NEMA 3R FD 65A 460V 3PH | 99 | C1 |
| 80 | 380-480 | 3 | PID060034FDBP | VFD NEMA 3R FD 80A 460V 3PH | 99 | C1 |
| 105 | 380-480 | 3 | PID075034FDBP | VFD NEMA 3R FD 105A 460V 3PH | 99 | C1 |
| 130 | 380-480 | 3 | PID100034FDBP | VFD NEMA 3R FD 130A 460V 3PH | 143 | C2 |
| 160 | 380-480 | 3 | PID125034FDBP | VFD NEMA 3R FD 160A 460V 3PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

**NEMA 3R ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 1.7 | 525-600 | 3 | PID001035FDBP | VFD NEMA 3R FD 1.7A 575V 3PH | 24 | A4 |
| 2.7 | 525-600 | 3 | PID002035FDBP | VFD NEMA 3R FD 2.7A 575V 3PH | 24 | A4 |
| 3.9 | 525-600 | 3 | PID003035FDBP | VFD NEMA 3R FD 3.9A 575V 3PH | 24 | A4 |
| 6.1 | 525-600 | 3 | PID005035FDBP | VFD NEMA 3R FD 6.1A 575V 3PH | 24 | A4 |
| 9 | 525-600 | 3 | PID007535FDBP | VFD NEMA 3R FD 9A 575V 3PH | 31 | A5 |
| 11 | 525-600 | 3 | PID010035FDBP | VFD NEMA 3R FD 11A 575V 3PH | 31 | A5 |
| 18 | 525-600 | 3 | PID015035FDBP | VFD NEMA 3R FD 18A 575V 3PH | 51 | B1 |
| 22 | 525-600 | 3 | PID020035FDBP | VFD NEMA 3R FD 22A 575V 3PH | 51 | B1 |
| 27 | 525-600 | 3 | PID025035FDBP | VFD NEMA 3R FD 27A 575V 3PH | 51 | B1 |
| 34 | 525-600 | 3 | PID030035FDBP | VFD NEMA 3R FD 34A 575V 3PH | 60 | B2 |
| 41 | 525-600 | 3 | PID040035FDBP | VFD NEMA 3R FD 41A 575V 3PH | 60 | B2 |
| 52 | 525-600 | 3 | PID050035FDBP | VFD NEMA 3R FD 52A 575V 3PH | 60 | B2 |
| 62 | 525-600 | 3 | PID060035FDBP | VFD NEMA 3R FD 62A 575V 3PH | 99 | C1 |
| 83 | 525-600 | 3 | PID075035FDBP | VFD NEMA 3R FD 83A 575V 3PH | 99 | C1 |
| 100 | 525-600 | 3 | PID100035FDBP | VFD NEMA 3R FD 100A 575V 3PH | 143 | C2 |
| 131 | 525-600 | 3 | PID125035FDBP | VFD NEMA 3R FD 131A 575V 3PH | 229 | D1h |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 4X ENCLOSURE (NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 4.6 | 200-240 | 3 | PID001043NDBP | VFD NEMA 4X ND 4.6A 230V 3PH | 24 | A4 |
| 7.5 | 200-240 | 3 | PID002043NDBP | VFD NEMA 4X ND 7.5A 230V 3PH | 24 | A4 |
| 10.6 | 200-240 | 3 | PID003043NDBP | VFD NEMA 4X ND 10.6A 230V 3PH | 24 | A4 |
| 16.7 | 200-240 | 3 | PID005043NDBP | VFD NEMA 4X ND 16.7A 230V 3PH | 31 | A5 |
| 24.2 | 200-240 | 3 | PID007543NDBP | VFD NEMA 4X ND 24.2A 230V 3PH | 51 | B1 |
| 30.8 | 200-240 | 3 | PID010043NDBP | VFD NEMA 4X ND 30.8A 230V 3PH | 51 | B1 |
| 46.2 | 200-240 | 3 | PID015043NDBP | VFD NEMA 4X ND 46.2A 230V 3PH | 51 | B1 |
| 59.4 | 200-240 | 3 | PID020043NDBP | VFD NEMA 4X ND 59.4A 230V 3PH | 60 | B2 |
| 74.8 | 200-240 | 3 | PID025043NDBP | VFD NEMA 4X ND 74.8A 230V 3PH | 99 | C1 |
| 88 | 200-240 | 3 | PID030043NDBP | VFD NEMA 4X ND 88A 230V 3PH | 99 | C1 |
| 115 | 200-240 | 3 | PID040043NDBP | VFD NEMA 4X ND 115A 230V 3PH | 99 | C1 |
| 143 | 200-240 | 3 | PID050043NDBP | VFD NEMA 4X ND 143A 230V 3PH | 143 | C2 |
| 170 | 200-240 | 3 | PID060043NDBP | VFD NEMA 4X ND 170A 230V 3PH | 143 | C2 |
| 2.1 | 380-480 | 3 | PID001044NDBP | VFD NEMA 4X ND 2.1A 460V 3PH | 24 | A4 |
| 3.4 | 380-480 | 3 | PID002044NDBP | VFD NEMA 4X ND 3.4A 460V 3PH | 24 | A4 |
| 4.8 | 380-480 | 3 | PID003044NDBP | VFD NEMA 4X ND 4.8A 460V 3PH | 24 | A4 |
| 8.2 | 380-480 | 3 | PID005044NDBP | VFD NEMA 4X ND 8.2A 460V 3PH | 24 | A4 |
| 11 | 380-480 | 3 | PID007544NDBP | VFD NEMA 4X ND 11A 460V 3PH | 31 | A5 |
| 14.5 | 380-480 | 3 | PID010044NDBP | VFD NEMA 4X ND 14.5A 460V 3PH | 31 | A5 |
| 21 | 380-480 | 3 | PID015044NDBP | VFD NEMA 4X ND 21A 460V 3PH | 51 | B1 |
| 27 | 380-480 | 3 | PID020044NDBP | VFD NEMA 4X ND 27A 460V 3PH | 51 | B1 |
| 34 | 380-480 | 3 | PID025044NDBP | VFD NEMA 4X ND 34A 460V 3PH | 51 | B1 |
| 40 | 380-480 | 3 | PID030044NDBP | VFD NEMA 4X ND 40A 460V 3PH | 60 | B2 |
| 52 | 380-480 | 3 | PID040044NDBP | VFD NEMA 4X ND 52A 460V 3PH | 60 | B2 |
| 65 | 380-480 | 3 | PID050044NDBP | VFD NEMA 4X ND 65A 460V 3PH | 99 | C1 |
| 80 | 380-480 | 3 | PID060044NDBP | VFD NEMA 4X ND 80A 460V 3PH | 99 | C1 |
| 105 | 380-480 | 3 | PID075044NDBP | VFD NEMA 4X ND 105A 460V 3PH | 99 | C1 |
| 130 | 380-480 | 3 | PID100044NDBP | VFD NEMA 4X ND 130A 460V 3PH | 143 | C2 |
| 160 | 380-480 | 3 | PID125044NDBP | VFD NEMA 4X ND 160A 460V 3PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

**NEMA 4X ENCLOSURE (NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 1.7 | 525-600 | 3 | PID001045NDBP | VFD NEMA 4X ND 1.7A 575V 3PH | 24 | A4 |
| 2.7 | 525-600 | 3 | PID002045NDBP | VFD NEMA 4X ND 2.7A 575V 3PH | 24 | A4 |
| 3.9 | 525-600 | 3 | PID003045NDBP | VFD NEMA 4X ND 3.9A 575V 3PH | 24 | A4 |
| 6.1 | 525-600 | 3 | PID005045NDBP | VFD NEMA 4X ND 6.1A 575V 3PH | 24 | A4 |
| 9 | 525-600 | 3 | PID007545NDBP | VFD NEMA 4X ND 9A 575V 3PH | 31 | A5 |
| 11 | 525-600 | 3 | PID010045NDBP | VFD NEMA 4X ND 11A 575V 3PH | 31 | A5 |
| 18 | 525-600 | 3 | PID015045NDBP | VFD NEMA 4X ND 18A 575V 3PH | 51 | B1 |
| 22 | 525-600 | 3 | PID020045NDBP | VFD NEMA 4X ND 22A 575V 3PH | 51 | B1 |
| 27 | 525-600 | 3 | PID025045NDBP | VFD NEMA 4X ND 27A 575V 3PH | 51 | B1 |
| 34 | 525-600 | 3 | PID030045NDBP | VFD NEMA 4X ND 34A 575V 3PH | 60 | B2 |
| 41 | 525-600 | 3 | PID040045NDBP | VFD NEMA 4X ND 41A 575V 3PH | 60 | B2 |
| 52 | 525-600 | 3 | PID050045NDBP | VFD NEMA 4X ND 52A 575V 3PH | 60 | B2 |
| 62 | 525-600 | 3 | PID060045NDBP | VFD NEMA 4X ND 62A 575V 3PH | 99 | C1 |
| 83 | 525-600 | 3 | PID075045NDBP | VFD NEMA 4X ND 83A 575V 3PH | 99 | C1 |
| 100 | 525-600 | 3 | PID100045NDBP | VFD NEMA 4X ND 100A 575V 3PH | 143 | C2 |
| 131 | 525-600 | 3 | PID125045NDBP | VFD NEMA 4X ND 131A 575V 3PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

# PRODUCT DETAILS

**NEMA 4X ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 4.6 | 200-240 | 3 | PID001043FDBP | VFD NEMA 4X FD 4.6A 230V 3PH | 24 | A4 |
| 7.5 | 200-240 | 3 | PID002043FDBP | VFD NEMA 4X FD 7.5A 230V 3PH | 24 | A4 |
| 10.6 | 200-240 | 3 | PID003043FDBP | VFD NEMA 4X FD 10.6A 230V 3PH | 24 | A4 |
| 16.7 | 200-240 | 3 | PID005043FDBP | VFD NEMA 4X FD 16.7A 230V 3PH | 31 | A5 |
| 24.2 | 200-240 | 3 | PID007543FDBP | VFD NEMA 4X FD 24.2A 230V 3PH | 51 | B1 |
| 30.8 | 200-240 | 3 | PID010043FDBP | VFD NEMA 4X FD 30.8A 230V 3PH | 51 | B1 |
| 46.2 | 200-240 | 3 | PID015043FDBP | VFD NEMA 4X FD 46.2A 230V 3PH | 51 | B1 |
| 59.4 | 200-240 | 3 | PID020043FDBP | VFD NEMA 4X FD 59.4A 230V 3PH | 60 | B2 |
| 74.8 | 200-240 | 3 | PID025043FDBP | VFD NEMA 4X FD 74.8A 230V 3PH | 99 | C1 |
| 88 | 200-240 | 3 | PID030043FDBP | VFD NEMA 4X FD 88A 230V 3PH | 99 | C1 |
| 115 | 200-240 | 3 | PID040043FDBP | VFD NEMA 4X FD 115A 230V 3PH | 99 | C1 |
| 143 | 200-240 | 3 | PID050043FDBP | VFD NEMA 4X FD 143A 230V 3PH | 143 | C2 |
| 170 | 200-240 | 3 | PID060043FDBP | VFD NEMA 4X FD 170A 230V 3PH | 143 | C2 |
| 2.1 | 380-480 | 3 | PID001044FDBP | VFD NEMA 4X FD 2.1A 460V 3PH | 24 | A4 |
| 3.4 | 380-480 | 3 | PID002044FDBP | VFD NEMA 4X FD 3.4A 460V 3PH | 24 | A4 |
| 4.8 | 380-480 | 3 | PID003044FDBP | VFD NEMA 4X FD 4.8A 460V 3PH | 24 | A4 |
| 8.2 | 380-480 | 3 | PID005044FDBP | VFD NEMA 4X FD 8.2A 460V 3PH | 24 | A4 |
| 11 | 380-480 | 3 | PID007544FDBP | VFD NEMA 4X FD 11A 460V 3PH | 31 | A5 |
| 14.5 | 380-480 | 3 | PID010044FDBP | VFD NEMA 4X FD 14.5A 460V 3PH | 31 | A5 |
| 21 | 380-480 | 3 | PID015044FDBP | VFD NEMA 4X FD 21A 460V 3PH | 51 | B1 |
| 27 | 380-480 | 3 | PID020044FDBP | VFD NEMA 4X FD 27A 460V 3PH | 51 | B1 |
| 34 | 380-480 | 3 | PID025044FDBP | VFD NEMA 4X FD 34A 460V 3PH | 51 | B1 |
| 40 | 380-480 | 3 | PID030044FDBP | VFD NEMA 4X FD 40A 460V 3PH | 60 | B2 |
| 52 | 380-480 | 3 | PID040044FDBP | VFD NEMA 4X FD 52A 460V 3PH | 60 | B2 |
| 65 | 380-480 | 3 | PID050044FDBP | VFD NEMA 4X FD 65A 460V 3PH | 99 | C1 |
| 80 | 380-480 | 3 | PID060044FDBP | VFD NEMA 4X FD 80A 460V 3PH | 99 | C1 |
| 105 | 380-480 | 3 | PID075044FDBP | VFD NEMA 4X FD 105A 460V 3PH | 99 | C1 |
| 130 | 380-480 | 3 | PID100044FDBP | VFD NEMA 4X FD 130A 460V 3PH | 143 | C2 |
| 160 | 380-480 | 3 | PID125044FDBP | VFD NEMA 4X FD 160A 460V 3PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

**NEMA 4X ENCLOSURE (FUSED DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 1.7 | 525-600 | 3 | PID001045FDBP | VFD NEMA 4X FD 1.7A 575V 3PH | 24 | A4 |
| 2.7 | 525-600 | 3 | PID002045FDBP | VFD NEMA 4X FD 2.7A 575V 3PH | 24 | A4 |
| 3.9 | 525-600 | 3 | PID003045FDBP | VFD NEMA 4X FD 3.9A 575V 3PH | 24 | A4 |
| 6.1 | 525-600 | 3 | PID005045FDBP | VFD NEMA 4X FD 6.1A 575V 3PH | 24 | A4 |
| 9 | 525-600 | 3 | PID007545FDBP | VFD NEMA 4X FD 9A 575V 3PH | 31 | A5 |
| 11 | 525-600 | 3 | PID010045FDBP | VFD NEMA 4X FD 11A 575V 3PH | 31 | A5 |
| 18 | 525-600 | 3 | PID015045FDBP | VFD NEMA 4X FD 18A 575V 3PH | 51 | B1 |
| 22 | 525-600 | 3 | PID020045FDBP | VFD NEMA 4X FD 22A 575V 3PH | 51 | B1 |
| 27 | 525-600 | 3 | PID025045FDBP | VFD NEMA 4X FD 27A 575V 3PH | 51 | B1 |
| 34 | 525-600 | 3 | PID030045FDBP | VFD NEMA 4X FD 34A 575V 3PH | 60 | B2 |
| 41 | 525-600 | 3 | PID040045FDBP | VFD NEMA 4X FD 41A 575V 3PH | 60 | B2 |
| 52 | 525-600 | 3 | PID050045FDBP | VFD NEMA 4X FD 52A 575V 3PH | 60 | B2 |
| 62 | 525-600 | 3 | PID060045FDBP | VFD NEMA 4X FD 62A 575V 3PH | 99 | C1 |
| 83 | 525-600 | 3 | PID075045FDBP | VFD NEMA 4X FD 83A 575V 3PH | 99 | C1 |
| 100 | 525-600 | 3 | PID100045FDBP | VFD NEMA 4X FD 100A 575V 3PH | 143 | C2 |
| 131 | 525-600 | 3 | PID125045FDBP | VFD NEMA 4X FD 131A 575V 3PH | 143 | C2 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

**OPEN CHASSIS (IP20, NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 4.6 | 200-240 | 3 | PID001003ND | VFD OPEN ND 4.6A 230V 3PH | 11 | A2 |
| 7.5 | 200-240 | 3 | PID002003ND | VFD OPEN ND 7.5A 230V 3PH | 11 | A2 |
| 10.6 | 200-240 | 3 | PID003003ND | VFD OPEN ND 10.6A 230V 3PH | 11 | A2 |
| 16.7 | 200-240 | 3 | PID005003ND | VFD OPEN ND 16.7A 230V 3PH | 15 | A3 |
| 24.2 | 200-240 | 3 | PID007503ND | VFD OPEN ND 24.2A 230V 3PH | 30 | B3 |
| 30.8 | 200-240 | 3 | PID010003ND | VFD OPEN ND 30.8A 230V 3PH | 30 | B3 |
| 46.2 | 200-240 | 3 | PID015003ND | VFD OPEN ND 46.2A 230V 3PH | 30 | B3 |
| 59.4 | 200-240 | 3 | PID020003ND | VFD OPEN ND 59.4A 230V 3PH | 53 | B4 |
| 74.8 | 200-240 | 3 | PID025003ND | VFD OPEN ND 74.8A 230V 3PH | 77 | C3 |
| 88 | 200-240 | 3 | PID030003ND | VFD OPEN ND 88A 230V 3PH | 77 | C3 |
| 115 | 200-240 | 3 | PID040003ND | VFD OPEN ND 115A 230V 3PH | 77 | C3 |
| 143 | 200-240 | 3 | PID050003ND | VFD OPEN ND 143A 230V 3PH | 110 | C4 |
| 170 | 200-240 | 3 | PID060003ND | VFD OPEN ND 170A 230V 3PH | 110 | C4 |
| 2.1 | 380-480 | 3 | PID001004ND | VFD OPEN ND 2.1A 460V 3PH | 11 | A2 |
| 3.4 | 380-480 | 3 | PID002004ND | VFD OPEN ND 3.4A 460V 3PH | 11 | A2 |
| 4.8 | 380-480 | 3 | PID003004ND | VFD OPEN ND 4.8A 460V 3PH | 11 | A2 |
| 8.2 | 380-480 | 3 | PID005004ND | VFD OPEN ND 8.2A 460V 3PH | 11 | A2 |
| 11 | 380-480 | 3 | PID007504ND | VFD OPEN ND 11A 460V 3PH | 15 | A3 |
| 14.5 | 380-480 | 3 | PID010004ND | VFD OPEN ND 14.5A 460V 3PH | 15 | A3 |
| 21 | 380-480 | 3 | PID015004ND | VFD OPEN ND 21A 460V 3PH | 30 | B3 |
| 27 | 380-480 | 3 | PID020004ND | VFD OPEN ND 27A 460V 3PH | 30 | B3 |
| 34 | 380-480 | 3 | PID025004ND | VFD OPEN ND 34A 460V 3PH | 30 | B3 |
| 40 | 380-480 | 3 | PID030004ND | VFD OPEN ND 40A 460V 3PH | 53 | B4 |
| 52 | 380-480 | 3 | PID040004ND | VFD OPEN ND 52A 460V 3PH | 53 | B4 |
| 65 | 380-480 | 3 | PID050004ND | VFD OPEN ND 65A 460V 3PH | 77 | C3 |
| 80 | 380-480 | 3 | PID060004ND | VFD OPEN ND 80A 460V 3PH | 77 | C3 |
| 105 | 380-480 | 3 | PID075004ND | VFD OPEN ND 105A 460V 3PH | 77 | C3 |
| 130 | 380-480 | 3 | PID100004ND | VFD OPEN ND 130A 460V 3PH | 110 | C4 |
| 160 | 380-480 | 3 | PID125004ND | VFD OPEN ND 160A 460V 3PH | 110 | C4 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

**OPEN CHASSIS (IP20, NO DISCONNECT)**

| OUTPUT AMPS^ | INPUT VOLTAGE | INPUT PHASE | PENTAIR PART NUMBER | PART DESCRIPTION | WEIGHT | FRAME^^ |
|---|---|---|---|---|---|---|
| 1.7 | 525-600 | 3 | PID001005ND | VFD OPEN ND 1.7A 575V 3PH | 11 | A2 |
| 2.7 | 525-600 | 3 | PID002005ND | VFD OPEN ND 2.7A 575V 3PH | 11 | A2 |
| 3.9 | 525-600 | 3 | PID003005ND | VFD OPEN ND 3.9A 575V 3PH | 11 | A2 |
| 6.1 | 525-600 | 3 | PID005005ND | VFD OPEN ND 6.1A 575V 3PH | 11 | A2 |
| 9 | 525-600 | 3 | PID007505ND | VFD OPEN ND 9A 575V 3PH | 15 | A3 |
| 11 | 525-600 | 3 | PID010005ND | VFD OPEN ND 11A 575V 3PH | 15 | A3 |
| 18 | 525-600 | 3 | PID015005ND | VFD OPEN ND 18A 575V 3PH | 30 | B3 |
| 22 | 525-600 | 3 | PID020005ND | VFD OPEN ND 22A 575V 3PH | 30 | B3 |
| 27 | 525-600 | 3 | PID025005ND | VFD OPEN ND 27A 575V 3PH | 30 | B3 |
| 34 | 525-600 | 3 | PID030005ND | VFD OPEN ND 34A 575V 3PH | 53 | B4 |
| 41 | 525-600 | 3 | PID040005ND | VFD OPEN ND 41A 575V 3PH | 53 | B4 |
| 52 | 525-600 | 3 | PID050005ND | VFD OPEN ND 52A 575V 3PH | 53 | B4 |
| 62 | 525-600 | 3 | PID060005ND | VFD OPEN ND 62A 575V 3PH | 77 | C3 |
| 83 | 525-600 | 3 | PID075005ND | VFD OPEN ND 83A 575V 3PH | 77 | C3 |
| 100 | 525-600 | 3 | PID100005ND | VFD OPEN ND 100A 575V 3PH | 110 | C4 |
| 131 | 525-600 | 3 | PID125005ND | VFD OPEN ND 131A 575V 3PH | 110 | C4 |

^Select drives by S.F. amps of pump motor. ^^See Page 4 for dimensions.

## VARIABLE FREQUENCY DRIVE ACCESSORIES

**FILTER ENCLOSED DESIGN - 230V, 460V, OR 575V INPUT (UL LISTED)**

| CATALOG NUMBER | DESCRIPTION | WT. LBS. |
|---|---|---|
| V1K2A00 | V1K2A00 TCI OPEN DV/DT FILTER 2 AMPS | 11 |
| V1K3A00 | V1K3A00 TCI OPEN DV/DT FILTER 3 AMPS | 11 |
| V1K4A00 | V1K4A00 TCI OPEN DV/DT FILTER 4 AMPS | 11 |
| V1K6A00 | V1K6A00 TCI OPEN DV/DT FILTER 6 AMPS | 11 |
| V1K8A00 | V1K8A00 TCI OPEN DV/DT FILTER 8 AMPS | 11 |
| V1K12A00 | V1K12A00 TCI OPEN DV/DT FILTER 12 AMPS | 11 |
| V1K18A00 | V1K18A00 TCI OPEN DV/DT FILTER 18 AMPS | 15 |
| V1K25A00 | V1K25A00 TCI OPEN DV/DT FILTER 25 AMPS | 15 |
| V1K27A00 | V1K27A00 TCI OPEN DV/DT FILTER 27 AMPS | 15 |
| V1K35A00 | V1K35A00 TCI OPEN DV/DT FILTER 35 AMPS | 23 |
| V1K45A00 | V1K45A00 TCI OPEN DV/DT FILTER 45 AMPS | 23 |
| V1K55A00 | V1K55A00 TCI OPEN DV/DT FILTER 55 AMPS | 23 |
| V1K80A00 | V1K80A00 TCI OPEN DV/DT FILTER 80 AMPS | 29 |
| V1K110A00 | V1K110A00 TCI OPEN DV/DT FILTER 110 AMPS | 68 |
| V1K130A00 | V1K130A00 TCI OPEN DV/DT FILTER 130 AMPS | 83 |
| V1K160A00 | V1K160A00 TCI OPEN DV/DT FILTER 160 AMPS | 83 |
| V1K2A03 | V1K2A03 TCI TYPE 3R DV/DT FILTER 2 AMPS | 25 |
| V1K3A03 | V1K3A03 TCI TYPE 3R DV/DT FILTER 3 AMPS | 25 |
| V1K4A03 | V1K4A03 TCI TYPE 3R DV/DT FILTER 4 AMPS | 25 |
| V1K6A03 | V1K6A03 TCI TYPE 3R DV/DT FILTER 6 AMPS | 25 |
| V1K8A03 | V1K8A03 TCI TYPE 3R DV/DT FILTER 8 AMPS | 25 |
| V1K12A03 | V1K12A03 TCI TYPE 3R DV/DT FILTER 12 AMPS | 25 |
| V1K18A03 | V1K18A03 TCI TYPE 3R DV/DT FILTER 18 AMPS | 29 |
| V1K25A03 | V1K25A03 TCI TYPE 3R DV/DT FILTER 25 AMPS | 29 |
| V1K27A03 | V1K27A03 TCI TYPE 3R DV/DT FILTER 27 AMPS | 29 |
| V1K35A03 | V1K35A03 TCI TYPE 3R DV/DT FILTER 35 AMPS | 56 |
| V1K45A03 | V1K45A03 TCI TYPE 3R DV/DT FILTER 45 AMPS | 56 |
| V1K55A03 | V1K55A03 TCI TYPE 3R DV/DT FILTER 55 AMPS | 56 |
| V1K80A03 | V1K80A03 TCI TYPE 3R DV/DT FILTER 80 AMPS | 62 |
| V1K110A03 | V1K110A03 TCI TYPE 3R DV/DT FILTER 110 AMPS | 74 |
| V1K130A03 | V1K130A03 TCI TYPE 3R DV/DT FILTER 130 AMPS | 89 |
| V1K160A03 | V1K160A03 TCI TYPE 3R DV/DT FILTER 160 AMPS | 99 |

# WARRANTY

## LIMITED WARRANTY

Myers® warrants to the original consumer purchaser ("Purchaser" or "You") of the products listed below, that they will be free from defects in material and workmanship for the Warranty Period shown below.

| PRODUCT | WARRANTY PERIOD WHICHEVER OCCURS FIRST: |
|---|---|
| Jet pumps, small centrifugal pumps, submersible pumps and related accessories | 12 months from date of original installation, or 18 months from date of manufacture |
| Fibrewound Tanks | 5 years from date of original installation |
| Steel Pressure Tanks | 5 years from date of original installation |
| Sump/Sewage/Effluent Products | 12 months from date of original installation, or 36 months from date of manufacture |
| Battery Backup Units<br>MBSP-2, MBSP-2C | 12 months from date of original installation, or 18 months from date of manufacture |
| MBSP-3, MBSP-3C | 24 months from date of original installation, or 30 months from date of manufacture |
| Wastewater Solids Handling Pumps | 12 months from date of shipment from factory<br>or 18 months from date of manufacture |

Our warranty applies only where such products are used in compliance with the requirements of the applicable product catalog and/or manuals. For additional information, please refer to the applicable standard limited warranty featured in the product manual.

Our warranty will not apply to any product that, in our sole judgement, has been subject to negligence, misapplication, improper installation, or improper maintenance. Without limiting the foregoing, operating a three phase motor with single phase power through a phase converter will void the warranty. Note also that three phase motors must be protected by three-leg, ambient compensated, extra-quick trip overload relays of the recommended size or the warranty is void.

Your only remedy, and MYERS's only duty, is that MYERS repair or replace defective products (at MYERS's choice). You must pay all labor and shipping charges associated with this warranty and must request warranty service through the installing dealer as soon as a problem is discovered. No request for service will be accepted if received after the Warranty Period has expired. This warranty is not transferable.

MYERS SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR CONTINGENT DAMAGES WHATSOEVER.

THE FOREGOING LIMITED WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE FOREGOING LIMITED WARRANTIES SHALL NOT EXTEND BEYOND THE DURATION PROVIDED HEREIN.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on the duration of an implied warranty, so the above limitations or exclusions may not apply to You. This warranty gives You specific legal rights and You may also have other rights which vary from state to state.

This Limited Warranty is effective April 1, 2014 and replaces all undated warranties and warranties dated before April 1, 2014.

293 Wright Street
Delavan, WI 53115
Ph: 866.973.6835
Fx: 800.426.9446

490 Pinebush Rd., Unit 4
Cambridge, Ontario
Canada N1t 0a5
Ph: 800.363.7867
Fx: 888.606.5484

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