

# VSDs, Constant Pressure Units

Variable Speed Drives



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VSD Accessories & Pressure transducers



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Constant Pressure Drive Units



Page 3.4

# VARIABLE SPEED A.C. MOTOR DRIVES

• NOTE: These unit are wired and are not in an enclosure



VSD-G1

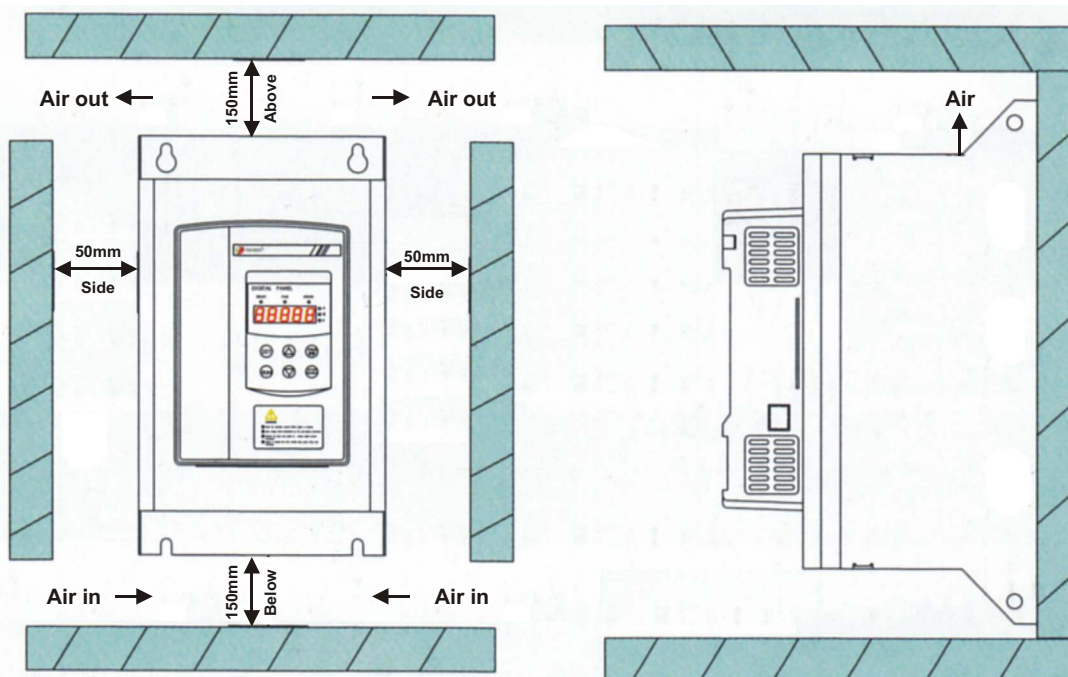


ODE-3-240058-3

PARTNO	General Duty			Price
	Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)	
<b>200/240vac 1 Phase Input &amp; 3 Phase Output</b>				
VSD-G1-d75	4.0	0.75	1.00	2810.00
VSD-G1-1d5	7.0	1.50	2.00	3660.00
VSD-G1-2d2	10.0	2.20	3.00	4970.00
VSD-G1-004	16.0	4.00	5.50	7220.00
<b>380/480vac 3 Phase Input &amp; 3 Phase Output</b>				
ODE-3-140041-3	4.1	1.50	2.00	6336.00
ODE-3-240058-3	5.8	2.20	3.00	7531.00
ODE-3-240095-3	9.5	4.00	5.00	9037.00
ODE-3-340140-3	14.0	5.50	7.50	13296.00
ODE-3-340180-3	18.0	7.50	10.00	14958.00
VSD-G3-011	25.0	11.00	15.00	12830.00
VSD-G3-015	32.0	15.00	20.00	15970.00
VSD-G3-018	37.0	18.50	25.00	19870.00
ODE-3-440460-3	46.0	22.00	30.00	31838.00
ODV-3-540610-3	61.0	30.00	40.00	39265.00
ODV-3-540720-3	72.0	37.00	50.00	49549.00
ODV-3-540900-3	90.0	45.00	60.00	59729.00
ODV-3-641100-3	110.0	55.00	75.00	92865.00
ODV-3-641500-3	150.0	75.00	100.00	116341.00
VSD-G3-110	210.0	110.00	150.00	95840.00

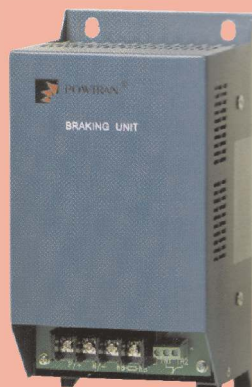
Larger models available.

## INSTALLATION STANDARD FOR VSDs and SOFT STARTERS



All Prices Exclude VAT and are subject to change without prior notice.

## VARIABLE SPEED A.C. MOTOR DRIVES



PB60 Breaking Unit



T2000 Pressure Transducer

PARTNO	Description	Price
<b>Accessories</b>		
<b>PB6014</b>	30 kW Breaking Unit	3280.00
<b>PB6024</b>	37-55 kW Breaking Unit	4740.00
<b>PB6034</b>	75-280 kW Breaking Unit	6950.00
<b>R-50-1040</b>	50 ohm 1040w Resistor	990.00
<b>R-40-1560</b>	40 ohm 1560w Resistor	1480.00
<b>R-32-4800</b>	32 ohm 4800w Resistor	4550.00
<b>R-20-6000</b>	20 ohm 6000w Resistor	5690.00
<b>R-16-9600</b>	16 ohm 9600w Resistor	6310.00
<b>R-10-12000</b>	10 ohm 12000w Resistor	8210.00
<b>R-6.8-12000</b>	6.8 ohm 12000w Resistor	8840.00
<b>1KPOT</b>	1 kohm Potentiometer complete with knob & scale plate	130.00
<b>10KPOT</b>	10 kohm Potentiometer complete with knob & scale plate	130.00
<b>T2000/10</b>	1/4" BSP 10bar Pressure Transducer 4-20mA	1769.90
<b>T2000/20</b>	1/4" BSP 20bar Pressure Transducer 4-20mA	1769.90

RED = +24v  
 BLUE/GREEN = 4-20ma Return  
 BLACK = Screen / Earth

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## CONSTANT PRESSURE DRIVES

Standard constant pressure systems use inverters from 1.5kW to 75kW.

Units bigger than 75kW, or units with multiple set points or set speeds, are available on request.

- Supplied in a metal enclosure.
- Units are fitted with:
 

Isolator	ON-OFF Switch
Control Circuit Breaker	Terminals
1 kohm Potentiometer complete with knob & scale plate	
- NB! 10 or 20 bar pressure transducer to be purchased separately

PARTNO	KW (400V)	Amps (400V)	ENCLOSURE	Price
CPD-IV1S	1.5	4.2	EP Medium	16006.00
CPD-IV2S	2.2	5.8	EP Medium	17310.00
CPD-IV4S	4.0	9.5	EP Large	19544.00
CPD-IV5S	5.0	14.0	EP Large	24190.00
CPD-IV7S	7.5	18.0	EP Ex-large	28790.00
CPD11S	11.0	25.0	EP 6-8	28216.00
CPD15S	15.0	32.0	EP 6-8	31377.00
CPD18S	18.5	37.0	EP 6-8	36310.00
CPD-IV22S	22.0	46.0	EP 6-8	50419.00
CPD-IV30S	30.0	61.0	EP Auto	58957.00
CPD-IV37S	37.0	72.0	EP Auto	71615.00
CPD-IV45S	45.0	90.0	EP 8-10	84292.00
CPD-IV55S	55.0	110.0	EP 8-10	125235.00
CPD-IV75S	75.0	150.0	EP 8-10	151421.00
CPD110S	110.0	210.0	EP 8-10	123339.00

PARTNO	Description	Price
<b>FITTED OPTIONAL EXTRAS</b>		
• Refer to Section 2 - Starters for more optional extras		
FIT-CPDAMM	Fitting of an Ammeter	493.00
FIT-CPDDCU	Fitting of Distance Control Unit + DELAY ON	1804.00
FIT-CPDNOFLO	Fitting a No Flow Override Timer	2390.00
<b>Fitting a Shroud</b>		
• Add the price of selected shroud (see Section 4 - EP Enclosures) allowing for applicable discount.		
• Add the required number of louvre grids.		
FIT-LOUVRE330	Fitting of Air Vent 330mm x 205mm	676.00
FIT-LOUVRE445	Fitting of Air Vent 445mm x 205mm	692.00
FIT-VENT360	Fitting of Air Vent 360mm x 220mm	666.00
<b>Fitting Multiple Set Points</b> (maximum of 7)		
• Set Points are manually operated via a Selector Switch		
FIT-CPDSET	Fitting of extra Set Points (priced per set point)	525.00
FIT-CPDSEL	Fitting of Selector Switch	500.00
FIT-CPDENCL	Extra for a Larger Enclosure (1.5kW - 7.5kW only)	1089.00
<b>Automating of Set Points</b> (maximum of 5)		
• Allows an extra device to control the selection of the set points.		
• Note: These prices must be added to the manual set point prices.		
FIT-CPDAUTO	Fitting of Automatic Control of Set Point (priced per set point)	517.00
FIT-CPDHOA	Fitting of HOA Selector Switch + DELAY ON	1010.00
FIT-CPD24VHOA	Fitting of 24vac Relay + HOA Selector Switch + DELAY ON	1304.00
FIT-50VATX	Fitting of a 50va Transformer	842.00

<u>Example: 15kW with 5 set points</u>	
15kW Constant Pressure Drive	31377.00
5 x Extra Set Points	2625.00
1 x Extra Selector Switch	500.00
1 x Extra for 50va transformer	842.00
<b>Total with manual Set Points</b>	<b>35344.00</b>
5 x Extra automatic set points	2585.00
1 x Extra HAND OFF AUTO Selector Switch + DELAY ON	1010.00
<b>Total with Automatic Set Points</b>	<b>38939.00</b>
<u>Example: 7.5kW with 5 set points</u>	
7.5kW Constant Pressure Drive	28790.00
5 x Extra Set Points	2625.00
1 x Extra Selector Switch	500.00
1 x Extra for larger enclosure	1089.00
1 x Extra for 50va transformer	842.00
<b>Total</b>	<b>33846.00</b>
5 x Extra automatic set points	2585.00
1 x Extra HAND OFF AUTO Selector Switch + DELAY ON	1010.00
<b>Total with Automatic Set Points</b>	<b>37441.00</b>

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