

HITACHI

Inspire the Next

AC VARIABLE SPEED DRIVES

NE-S1 SERIES

WJ200 SERIES

SJ-P1 SERIES

SJ700 SERIES

INVERTER ACCESSORIES

VORTEX BLOWERS

TRAINING CLASS

USA List Price Book

July 2020



NE-S1 SERIES

LOW COST, PRE-CONFIGURED MICRODRIVES

Model Number	List Price	Rated HP	Rated Amps
<i>Input voltage: 200-240 volt, 1-phase only</i>			
NES1-002SB	\$229	1/4	1.4
NES1-004SB	\$229	1/2	2.6
NES1-007SB	\$244	1	4.0
NES1-015SB	\$314	2	7.1
NES1-022SB	\$393	3	10.0

<i>Input voltage: 200-240 volt, 3-phase only</i>			
NES1-002LB	\$229	1/4	1.4
NES1-004LB	\$229	1/2	2.6
NES1-007LB	\$244	1	4.0
NES1-015LB	\$314	2	7.1
NES1-022LB	\$393	3	10.0

<i>Input voltage: 380-480 volt, 3-phase only</i>			
NES1-004HB	\$336	1/2	1.5
NES1-007HB	\$355	1	2.5
NES1-015HB	\$406	2	4.1
NES1-022HB	\$466	3	5.5
NES1-040HB	\$517	5	9.0



NES1 and OP BUNDLED SERIES

<i>Input voltage: 200-240 volt, 3-phase only</i>			
NES1-007LB w/OP	\$257	1	4.0
NES1-015LB w/OP	\$320	2	7.1
NES1-022LB w/OP	\$398	3	10.0

<i>Input voltage: 380-480 volt, 3-phase only</i>			
NES1-007HB w/OP	\$358	1	2.5
NES1-015HB w/OP	\$410	2	4.1
NES1-022HB w/OP	\$473	3	5.5

These bundled NES1 inverters include the NES1-OP operator as an unassembled kit.

WJ200 SERIES

SENSORLESS VECTOR MICRODRIVES – 100 V CLASS

Model Number	List Price	Rated HP	Rated Amps (CT only)
<i>Input voltage: 100-120 volt, 1-phase only</i>			
WJ200-004MF	\$320	1/2	3.5
WJ200-007MF	\$360	1	5.0



- ✓ Easy operation and setup by standard keypad (shown) or PC-based ProDriveNext software
- ✓ Powerful high-torque performance – 200% @ 0.3 Hz
- ✓ Internal Dynamic Brake circuit built in
- ✓ EzSQ Internal PLC-like controller
- ✓ Position control function offers servo-like performance
- ✓ EzCOM peer to peer communications built in.
- ✓ NEMA1-style conduit box optional

Model Number	List Price	Rated HP CT (VT)	Rated Amps CT (VT)
<i>Input voltage: 200-240 volt, 1-phase only</i>			
WJ200-001SF	\$275	1/8 (1/4)	1.0 (1.2)
WJ200-002SF	\$275	1/4 (1/2)	1.6 (1.9)
WJ200-004SF	\$315	1/2 (3/4)	3.0 (3.5)
WJ200-007SF	\$355	1 (1.5)	5.0 (6.0)
WJ200-015SF	\$450	2 (3)	8.0 (9.6)
WJ200-022SF	\$535	3 (4)	11.0 (12.0)

Model Number	List Price	Rated HP CT (VT)	Rated Amps CT (VT)
Input voltage: 200-240 volt, 3-phase only			
WJ200-001LF	\$230	1/8 (1/4)	1.0 (1.2)
WJ200-002LF	\$230	1/4 (1/2)	1.6 (1.9)
WJ200-004LF	\$315	1/2 (3/4)	3.0 (3.5)
WJ200-007LF	\$355	1 (1.5)	5.0 (6.0)
WJ200-015LF	\$450	2 (3)	8.0 (9.6)
WJ200-022LF	\$535	3 (4)	11.0 (12.0)
WJ200-037LF	\$605	5 (7.5)	17.5 (19.6)
WJ200-055LF	\$930	7.5 (10)	25.0 (30.0)
WJ200-075LF	\$1,135	10 (15)	33.0 (40.0)
WJ200-110LF	\$1,240	15 (20)	47.0 (56.0)
WJ200-150LF	\$1,710	20 (25)	60 (69)

Model Number	List Price	Rated HP CT (VT)	Rated Amps CT (VT)
Input voltage 380-480 volt, 3 phase			
WJ200-004HF	\$350	1/2 (1)	1.8 (2.1)
WJ200-007HF	\$425	1 (2)	3.4 (4.1)
WJ200-015HF	\$455	2 (3)	4.8 (5.4)
WJ200-022HF	\$555	3 (4)	5.5 (6.9)
WJ200-030HF	\$650	4 (5)	7.2 (8.8)
WJ200-040HF	\$720	5 (7.5)	9.2 (11.1)
WJ200-055HF	\$1,020	7.5 (10)	14.8 (17.5)
WJ200-075HF	\$1,135	10 (15)	18 (23)
WJ200-110HF	\$1,390	15 (20)	24 (31)
WJ200-150HF	\$1,770	20 (25)	31 (38)



SJ-P1 SERIES

WIDE RANGE TRIPLE RATED HIGH PERFORMANCE VECTOR DRIVES

Model Number	List Price	Rated HP	Rated Amps (CT/LD/VLD)
Input voltage: 200-240 volt, 3 phase			
P1-00044-LFUF	\$605	1/2	3.0/3.7/4.4
P1-00080-LFUF	\$645	1	5.0/6.3/8.0
P1-00104-LFUF	\$740	2	7.5/9.4/10.4
P1-00156-LFUF	\$875	3	10.5/12/15.6
P1-00228-LFUF	\$945	5	16.5/19.6/22.8
P1-00330-LFUF	\$990	7.5	24/30/33
P1-00460-LFUF	\$1,180	10	32/44/46
P1-00600-LFUF	\$1,290	15	46/58/60
P1-00800-LFUF	\$1,950	20	64/73/80
P1-00930-LFUF	\$2,125	25	76/85/93
P1-01240-LFUF	\$2,780	30	95/113/124
P1-01530-LFUF	\$3,695	40	121/140/153
P1-01850-LFUF	\$4,775	50	145/169/185
P1-02290-LFUF	\$5,690	60	182/210/229
P1-02950-LFUF	\$7,300	75	220/270/295

Model Number	List Price	Rated HP	Rated Amps (CT/LD/VLD)
Input voltage 380-480 volt, 3 phase			
P1-00041-HFUF	\$900	1	2.5/3.1/4.1
P1-00054-HFUF	\$940	2	3.8/4.8/5.4
P1-00083-HFUF	\$1,015	3	5.3/6.7/8.3
P1-00126-HFUF	\$1,060	5	9.0/11.1/12.6
P1-00175-HFUF	\$1,095	7.5	14/16/17.5
P1-00250-HFUF	\$1,125	10	19/22/25
P1-00310-HFUF	\$1,275	15	25/29/31
P1-00400-HFUF	\$1,800	20	32/37/40
P1-00470-HFUF	\$1,900	25	38/43/47
P1-00620-HFUF	\$2,050	30	48/57/62
P1-00770-HFUF	\$3,100	40	58/70/77
P1-00930-HFUF	\$3,790	50	75/85/93
P1-01160-HFUF	\$4,550	60	91/105/116
P1-01470-HFUF	\$5,500	75	112/135/147
P1-01760-HFUF	\$7,200	100	149/160/176
P1-02130-HFUF	\$9,250	125	176/195/213
P1-02520-HFUF	\$11,390	150	217/230/252
P1-03160-HFUF	\$12,375	200	260/290/316
P1-03720-HFUF	\$17,660	210	310/341/372
P1-04320-HFUF	\$18,025	250	370/395/432
P1-04860-HFUF	\$19,850	265	405/446/486
P1-05200-HFUF	\$20,600	300/350	520/481/450
P1-05500-HFUF	\$23,000	350/400	500/550/N.A.
P1-06600-HFUF	\$26,400	400/450	600/660/N.A.



- ✓ Easy operation and setup via LCD color keypad (shown)
- ✓ Powerful high-torque performance – 200% @ 3 Hz
- ✓ Internal DB transistor up to 22 kW (30 hp) standard. See - BRD model for DB braking models in footnotes.
- ✓ EzSQ Internal PLC-like controller
- ✓ Position control function offers servo-like performance

- ✓ Pump specific PID with sleep mode and line fill features
- ✓ NEMA1 conduit boxes available
- ✓ EMI filter integrated, Category C3
- ✓ **P1-01160-HFUF-BRD available list price \$5,045.**
- ✓ **P1-01470-HFUF-BRD available list price \$6,100.**

SJ700 LARGE FRAME SERIES

SJ700 High HP Models			
SJ700-1850HFU2	\$18,025	250* 300*	370
SJ700-2200HFU2	\$20,600	300* 350*	440
SJ700-3150HFU2	\$26,470	350* 400* 450*	600
SJ700-4000HFU2 †	\$39,900	500* 600*	800

HIGH PERFORMANCE VECTOR DRIVES

† model includes separate DC link choke which must be mounted separately *HP capacity is dependent on input supply voltage.

- ✓ *Easy operation and setup by standard keypad (shown) or PC-based ProDriveNext software*
- ✓ *Position control function offers servo-like performance*
- ✓ *Long-life, easy-to-maintain design*
- ✓ *NEMA1-style conduit box optional*

- ✓ *Powerful high-torque performance – 200% @ 3 Hz*
- ✓ *Internal DB transistor up to 22 kW (30 hp)*
- ✓ *EzSQ Internal PLC-like controller*
- ✓ *EMI filter integrated up to 150 kW*



Inverter Accessories

OPERATORS

Option Type	Model Number	List Price	Compatibility	Description
Color LCD Operator	VOP	\$210	SJ-P1	LCD color display and operator, standard with SJ-P1
Inverter Operator	NES1-OP	\$25	NES1	Inverter mounted operator w/speed pot
Heat Shroud	NES1-FFM-M	\$12	NES1	Heat redirect shield for mounting NES1 above each other.
Potentiometer Option	WJ-VL	\$23	WJ200	Replaces standard front cover, and provides inverter mounted input reference potentiometer
Remote Operator	OPE-SRmini	\$88	NES1, WJ200, SJ700B, SJ700	Small Digital Operator for remote mounting. Requires ICS-1A, ICS-3A cable.
OPE-SRmini NEMA4X Option Kit	4X-KITmini	\$38	NES1, WJ200, SJ700B, SJ700	Optional Kit for Remote Mounting of the OPE-SRmini in a sealed NEMA 4X clam shell (Requires ICS-1A or ICS-3A Cable)
Standard Operator	OPE-SBK	\$80	NES1, WJ200, SJ700B, SJ700	Standard Digital Operator
Standard Operator	OPE-SR	\$80	NES1, WJ200, SJ700B, SJ700	Standard Digital Operator w/potentiometer
Enhanced Digital Operator/Copy Units (Requires ICS-1A or ICS-3A Cable)	WOP	\$290	NES1, WJ200, SJ700B, SJ700	Large 5-line, high visibility LCD display, copy capability, stores 4 sets of inverter data (parameters + EzSQ), multi-language capability
Keypad Extension Cables	ICS-1A	\$10	All current drives	3 ft. (1 m) Cable (Inverter to VOP, WOP or OPE-SRmini)
	ICS-3A	\$15	All current drives	10 ft (3 m) Cable (Inverter to WOP or OPE-SRmini)

COMMUNICATION AND INTERFACE ACCESSORIES

Option Type	Model Number	List Price	Compatibility	Description
PC-based Programming Software and cables	ProDriveNext	N/C	ALL	PC-based Configuration Software; free download from web site
	USB-CONVERTER CABLE	\$170	NES1, SJ700B SJ700	USB Port to RS422 Conversion Cable for ProDrive software
	USB2-6MINI	\$10	WJ200	USB to USB Mini B cable, 6' (2m) length
	USB2-6MICRO	\$10	SJ-P1	USB to micro USB cable 6' (2M)
WJ200 Ethernet/IP Communication Board	3G3AX-MX2-EIP-A	\$360	WJ200	WJ200 mounted to facilitate Ethernet/IP communications.
115VAC Input Interface Module	115VIF-DIN2	\$50	ALL	DIN-rail mount external 7-channel interface module to convert 115VAC control signals to 24VDC signals suitable for the inverter intelligent input circuits
Internal Communication Boards	SJ-DG	\$160	SJ700 series	Digital Input board
	SJ-FB	\$215	SJ700 series	Encoder Feedback Option (SJ700 only) (5 V differential line driver input)
	SJ-DN2	\$290	SJ700 series	DeviceNet Communication Interface (SJ700B/SJ700)
	P1-EN	\$450	SJ-P1	Ethernet Communication Interface, Modbus/TCP Protocol
	P1-ECT	\$450	SJ-P1	EtherCAT option slot in cassette board
	P1-PB	\$450	SJ-P1	Profibus-DP option slot in cassette board
	P1-FB	\$215	SJ-P1	Encoder Feedback Option (5 V differential line driver input)
	P1-PN	\$450	SJ-P1	ProfiNET option slot cassette board
	P1-TM2	\$130	SJ-P1	Screw terminal board option
	P1-AG	\$550	SJ-P1	Analog in/out expansion option board
	WJ-ECT	\$290	WJ200	EtherCAT option board
	WJ-PB	\$290	WJ200	Profibus-DP option board
	WJ-FS	\$140	WJ200	Functional Safety option board
	WJ-PN	\$390	WJ200	ProfiNET option board

Inverter Installation Accessories

FILTER COMPONENTS



Option Type	Model Number	List Price	Compatibility	Description
WJ200 Input Capacitive Noise Filters	CFI-L	\$72	NES1, WJ200	002 - 037NFU/SF/LF/LFU
	CFI-H	\$135	NES1, WJ200	004 - 075HF/HFU
Input / Output RFI Filters (Zero Phase)	ZCL-B40	\$72	NES1, WJ200	002 - 037NFU/LFU, 004 - 040HFU
	ZCL-A	\$300	NES1, WJ200	055 - 075LFU, 055 - 075HFU
Ferrite Cores	FC-H40	\$12	NES1, WJ200, SJ-P1	Up to 10 HP (N & L models); up to 20 HP (H models)
	FC-H300	\$32	NES1, WJ200, SJ-P1	15 – 75 HP (L models); 25 – 200 HP (H models)

Inverter Installation Accessories

CONDUIT BOXES

Option Type	Model Number	List Price	Compatibility	Description
Conduit Boxes (NEMA 1 Style)	WJ200CB-A	\$90	WJ200-001 - 007L/WJ200-001 - 004S	Conduit boxes are installed on the inverter and allow for the use of nominal conduit entrance
	WJ200CB-B	\$94	WJ200-015,022L/WJ200-007 - 022S/004 - 022H	
	WJ200CB-C	\$96	WJ200-037L/WJ200-040H	
	WJ200CB-D	\$102	WJ200-055L/H, WJ200-075L/H	
	WJ200CB-E	\$112	WJ200-110L/WJ200-110H,-150H	
	WJ200CB-F	\$124	WJ200-150L	
	P1-CB-A	\$380	P1-00044--00228-LF, P1-00041--00126-HF	
	P1-CB-B	\$1300	P1-00330--00600-LF, P1-00175--00310-HF	
	P1-CB-C	\$1200	P1-00800--01240-LFUF, P1-00400--00620-HFUF	
	P1-CB-D	\$1010	P1-01530-LFUF, P1-00770-HFUF	
	P1-CB-E	\$1010	P1-01850--02290-LF, P1-00930--01470-HF	
	P1-CB-F	\$1040	P1-02950-LF	
	P1-CB-G	\$1050	P1-01760--02130-HF	
	P1-CB-H	\$1075	P1-02520--03160-HF	
	CB7-185	\$2650	SJ700-1850H, SJ700-2200H	
	CB7-315	\$2665	SJ700-3150H	
	CB7-400	\$2850	SJ700-4000H	

Inverter System Accessories

REGENERATIVE UNITS

	Model Number	List Price	Description
RCU 200 V Class	RCU-2011	\$3,250	Regenerative Converter Unit, 200 V Class, 11 kW
	RCU-2015	\$3,450	Regenerative Converter Unit, 200 V Class, 15 kW
	RCU-2022	\$3,650	Regenerative Converter Unit, 200 V Class, 22 kW
RCU 400 V Class	RCU-4007	\$2,650	Regenerative Converter Unit, 400 V Class, 7.5 kW
	RCU-4011	\$2,950	Regenerative Converter Unit, 400 V Class, 11 kW
	RCU-4015	\$3,050	Regenerative Converter Unit, 400 V Class, 15 kW
	RCU-4022	\$3,400	Regenerative Converter Unit, 400 V Class, 22 kW
	RCU-4030	\$3,750	Regenerative Converter Unit, 400 V Class, 30 kW
DC Filters for Multiple RCU use only	HLI-1C28A	\$720	DC Filter for 11 kW-15kW 400V RCU units
	HLI-1C55A	\$720	DC Filter for 11 kW-15kW 200V and 22kW and 30kW RCU
	HLI-1C84A	\$720	DC Filter for 22kW 200V RCU units

MICRODRIVES / SJ700 /SJ-P1 SERIES BRAKING UNITS

Braking Unit	Model Number	List Price	Description
230 V Class	BRD-E3-30K	\$995	Dynamic Braking Unit, 30 kW
	BRD-E3-55K	\$1310	Dynamic Braking Unit, 55 kW
460 V Class	BRD-EZ3-30K	\$1025	Dynamic Braking Unit, 30 kW
	BRD-EZ3-55K	\$1440	Dynamic Braking Unit, 55 kW
	BRD-EZ3-110K	\$5250	Dynamic Braking Unit, 110 kW

BRAKING RESISTORS

Braking Resistors (Open Type)	JRB120-1	\$125	120 W / 180 Ohm
	JRB120-2	\$125	120 W / 100 Ohm
	JRB120-3	\$125	120 W / 50 Ohm
	JRB120-4	\$125	120 W / 35 Ohm
Braking Resistors (Open Type)	SRB200-1	\$215	200 W / 180 Ohm
	SRB200-2	\$215	200 W / 100 Ohm
	SRB300-1	\$280	300 W / 50 Ohm
	SRB400-1	\$300	400 W / 35 Ohm
Braking Resistors (NEMA 1 Enclosed)	NJRB120-1	\$276	120 W / 180 Ohm
	NJRB120-2	\$276	120 W / 100 Ohm
	NJRB120-3	\$276	120 W / 50 Ohm
	NJRB120-4	\$276	120 W / 35 Ohm
Braking Resistors (NEMA 1 Enclosed)	NSRB200-1	\$340	200 W / 180 Ohm
	NSRB200-2	\$340	200 W / 100 Ohm
	NSRB300-1	\$375	300 W / 50 Ohm
	NSRB400-1	\$390	400 W / 35 Ohm
Braking Resistors (NEMA 1 Enclosed)	HRB1	\$393	400 W / 50 Ohm
	HRB2	\$450	600 W / 35 Ohm
	HRB3	\$642	1200 W / 17 Ohm
	HRB4	\$606	800 W / 70 Ohm
	HRB5	\$885	2400 W / 70 Ohm
	HRB14	\$1,416	7500 W / 7 Ohm (NON-STOCK) †
	HRB15	\$1,104	4800 W / 12 Ohm (NON-STOCK) †
	HRB16	\$2,529	28800 W / 4.6 Ohm (NON-STOCK) †

Note: All resistors incorporate a high temperature thermal switch. JRB and SRB series also include thermal fuse.

Inverter System Accessories

AC Line / Motor Protection Output Reactors

Model Number	List Price	Rated HP	Fund AMPS	Actual mH	Equiv.%Z
200-240 volt / 1 phase					
HRL010L	\$151	1/4	2.9	3.0	2.85
HRL050H	\$179	1/2	4.9	3.0	4.82
HRL020L	\$157	1	8.0	1.5	3.93
HRL030L	\$185	2	12.0	1.25	4.92
HRL050L	\$241	3	17.0	0.8	4.46
200-240 volt / 3 phase					
HRL010H	\$151	1/4	1.3	12	4.24
HRL005L	\$179	1/2	2.0	6	3.26
HRL010L	\$151	1	3.6	3	2.94
HRL020L	\$157	2	6.8	1.5	2.78
HRL030L	\$185	3	9.6	1.25	3.26
HRL050L	\$241	5	15.2	0.8	3.31
HRL075L	\$252	7.5	22.0	0.5	2.99
HRL110L	\$281	10	28.0	0.4	3.05
HRL115L	\$370	15	42.0	0.3	3.43
HRL120L	\$471	20	54.0	0.25	3.67
HRL130L	\$483	25	68.0	0.2	3.70
HRL140L	\$611	40	104.0	0.15	4.24
HRL150L	\$684	50	130.0	0.1	3.54
380-480 volt / 3 phase					
HRL005H	\$157	1/2	1.0	20.00	2.72
HRL010H	\$151	1	1.8	12.00	2.94
HRL030H	\$157	2	3.4	6.50	3.01
HRL030H	\$157	3	4.8	6.50	4.24
HRL050H	\$179	5	7.6	3.00	3.10
HRL075H	\$196	7.5	11.0	2.50	3.74
HRL110H	\$247	10	14.0	1.50	2.86
HRL115H	\$291	15	21.0	1.20	3.43
HRL120H	\$302	20	27.0	0.80	2.94
HRL130H	\$449	30	40.0	0.70	3.81
HRL140H	\$516	40	52.0	0.50	3.54
HRL150H	\$684	50	65.0	0.40	3.54
HRL175H	\$696	75	96.0	0.30	3.92
HRL1250H	\$1,880	250	320.0	0.075	3.41
HRL1305H	\$3,503	300	400.0	0.105	5.96
HRL1400H	\$3,654	350	500.0	0.05	3.19
HRL1400H	\$3,654	400	500.0	0.05	3.55
HRL1500H	\$3,918	500	600.0	0.04	3.41

DC Link Chokes

Model Number	List Price	Rated HP	DC AMPS	Actual mH
200-240 volt / 1 phase				
HDC003N	\$148	1/4	1.6	50.0
HDC005N	\$150	1/2	3.2	25.0
HDC030H	\$180	1	6.1	11.5
HDC050H	\$187	2	9.3	6.0
HDC030N	\$247	3	13.8	6.0
200-240 volt / 3 phase				
HDC005H	\$85	1/4	1.6	20.00
HDC010H	\$149	1/2	3.2	15.00
HDC010L	\$155	1	6.1	7.50
HDC020L	\$161	2	9.3	4.00
HDC030L	\$224	3	13.8	2.75
HDC050L	\$303	5	22.3	1.75
HDC075L	\$239	7.5	30.9	0.85
HDC110L	\$261	10	43.7	0.97
HDC115L	\$439	15	61.4	0.61
HDC120L	\$546	20	85.9	0.60
HDC150H	\$469	25	108.3	0.45
HDC150L	\$659	40	166.2	0.21
HDC150L	\$659	50	201.5	0.21
380-480 volt / 3 phase				
HDC005H	\$85	1/2	1.6	20
HDC010H	\$149	1	3.0	15
HDC030H	\$180	2	4.7	11.5
HDC030H	\$180	3	6.9	11.5
HDC050H	\$187	5	11.6	6.0
HDC075H	\$262	7.5	16.7	3.75
HDC110H	\$364	10	21.9	4.0
HDC115H	\$303	15	30.7	2.68
HDC120H	\$537	20	43	2.0
HDC140H	\$416	30	64.4	0.75
HDC140H	\$416	40	79.7	0.75
HDC150H	\$469	50	104.2	0.45
HDC150L	\$659	75	200	0.21

NOTE: All AC REACTORS and DC CHOKES are OPEN style. NEMA 1 Enclosed units are available on a quotation basis.

Vortex Blowers

G Series

Features

- New multi-dimensional impeller - reduces 10% in height and 36% in weight.
- Higher pressure
- Lower noise levels
- Available with many accessories

Model	HP	Voltage	Phase	FLA	Max Vacuum (in/H2O)	Max Discharge (in/H2O)	Max Volume (CFM)	List Price
VB-001SG-U	0.13	115/230	1	1.3/0.7	27.5	29.5	25	\$787
VB-002SG-U	0.27	115/230	1	2.4/1.2	37	39.4	28	\$794
VB-003SG-U	0.4	115/230	1	3.4/1.8	41	43.3	40	\$1,063
VB-004SG-U	0.54	115/230	1	5.7/2.9	59	63	45.9	\$1,349
VB-007SG-U	1.01	115/230	1	8.0/4.0	67	70.9	84.8	\$1,538
VB-001G-U	0.13	200/230/460	3	0.95/1.0/0.5	27.5	29.5	25	\$663
VB-002G-U	0.27	200/230/460	3	0.94/0.93/0.47	37	39.4	28	\$731
VB-003G-U	0.4	200/230/460	3	1.2/1.2/0.6	41	43.3	40	\$793
VB-004G-U	0.54	200/230/460	3	2.3/2.2/1.1	65	68.9	45.9	\$973
VB-007G-U	1.01	200/230/460	3	3.1/2.8/1.4	70.9	78.7	84.8	\$1,100
VB-015G-U	2.01	200/230/460	3	6.0/5.4/2.7	84.5	90.6	141	\$1,413
VB-022G-U	2.95	200/230/460	3	8.5/8.0/4.0	94.5	98.4	175	\$1,717

Vortex Blowers (continued)

E Series

- Economical blower for many applications
- Available in various voltage and power level configurations
- Many shared accessories, such as noise suppression and filtering

Model	HP	Voltage	Phase	FLA	Max Vacuum (in/H2O)	Max Discharge (in/H2O)	Max Volume (CFM)	List Price
VB-001SE-U	0.13	115/230	1	1.4/0.7	25	26.5	26.5	\$657
VB-002SE-U	0.27	115/230	1	2.4/1.2	31	32	46	\$728
VB-003SE-U	0.4	115/230	1	3.5/1.7	32.5	33.5	63.5	\$744
VB-004SE-U	0.54	115/230	1	6.0/3.0	39	42	75	\$1,171
VB-007SE-U	1.01	115/230	1	9.4/4.7	47	51	110	\$1,364
VB-004-E3	0.13	200/230/460	3	1.9/1.7/0.85	39	42	75	\$942
VB-007-E3	1.01	200/230/460	3	3.2/3.0/1.5	47	51	110	\$1,038
VB-020-E4	2.55	200/230/460	3	6.7/6.1/3.1	65	67	160	\$1,165
VB-030-E4	4.02	200/230/460	3	9.1/8.2/4.1	74	85	200	\$1,491
VB-040-E4	4.96	200/230/460	3	12/11/5.5	82.7	78.7	283	\$1,878
VB-060-E3	10.05	200/230/460	3	22/20/10	100.4	96.4	372	\$4,247
VB-080-E3	12.06	200/230/460	3	31/28/14	102.4	98.4	513	\$5,152
VB-110-E3	20.11	200/230/460	3	43/41/20	118.1	126	655	\$6,221

All E3/E4 Vortex Blowers have UL class insulation.

Vortex Blowers (continued)

Blower Accessories

VB Model	Description	Part Number	List Price
VB-001SG-U	Enclosed Air Filter	HEAF-18P-10175T	\$44
	Enclosed Air Filter Element	H-18P	\$10
	Unenclosed Air Filter	HUAF-18P-10175T	\$41
	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-11-10175T	\$92
	Vacuum Filter Element	H-11	\$11
	Silencer	HS-100	\$103
	Pressure Gauge	HPG-030	\$59
VB-002SG-U	Vacuum Gauge	HVG-030	\$59
	Enclosed Air Filter	HEAF-18P-1285T	\$44
	Enclosed Air Filter Element	H-18P	\$10
	Unenclosed Air Filter	HUAF-18P-1285T	\$41
	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-11-1285T	\$100
	Vacuum Filter Element	H-11	\$11
	Silencer	HS-100	\$103
VB-003SG-U	Pressure Gauge	HPG-030	\$59
	Vacuum Gauge	HVG-030	\$59
	Enclosed Air Filter	HEAF-18P-15985T	\$46
	Enclosed Air Filter Element	H-18P	\$10
	Unenclosed Air Filter	HUAF-18P-15985T	\$44
	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-11-15985T	\$134
	Vacuum Filter Element	H-11	\$11
VB-004SG-U	Silencer	HS-100	\$103
	Pressure Gauge	HPG-030	\$59
	Vacuum Gauge	HVG-030	\$59
	Enclosed Air Filter	HEAF-18P-125	\$36
	Enclosed Air Filter Element	H-18P	\$10
	Unenclosed Air Filter	HUAF-18P-125	\$34
	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-842-125HC	\$95
VB-004SG-U	Vacuum Filter Element	H-842	\$8
	Silencer	HS-125	\$103
	Pressure Gauge	HPG-030	\$59
	Vacuum Gauge	HVG-030	\$59

VB-007SG-U	Enclosed Air Filter	HEAF-18P-150	\$38
	Enclosed Air Filter Element	H-18P	\$10
	Unenclosed Air Filter	HUAF-18P-150	\$34
	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-848-150HC	\$128
	Vacuum Filter Element	H-848	\$17
	Silencer	HS-150	\$120
	Pressure Gauge	HPG-030	\$59
	Vacuum Gauge	HVG-030	\$59
VB-001G-U	Enclosed Air Filter	HEAF-18P-10175T	\$44
	Enclosed Air Filter Element	H-18P	\$10
	Unenclosed Air Filter	HUAF-18P-10175T	\$41
	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-11-10175T	\$92
	Vacuum Filter Element	H-11	\$11
	Silencer	HS-100	\$103
	Pressure Gauge	HPG-030	\$59
	Vacuum Gauge	HVG-030	\$59
VB-002G-U	Enclosed Air Filter	HEAF-18P-1285T	\$44
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	Unenclosed Air Filter	HUAF-18P-1285T	\$41
	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-11-1285T	\$100
	Vacuum Filter Element	H-11	\$11
	Silencer	HS-100	\$103
	Pressure Gauge	HPG-030	\$59
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VB-003G-U	Enclosed Air Filter	HEAF-18P-15985T	\$46
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	Unenclosed Air Filter	HUAF-18P-15985T	\$44
	Unenclosed Air Filter Element	H-18P	\$10
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	Vacuum Filter Element	H-11	\$11
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	Vacuum Filter Element	H-842	\$8
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	Vacuum Filter Element	H-848	\$17
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	Enclosed Air Filter	HEAF-18P-150	\$38
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	Unenclosed Air Filter Element	H-18P	\$10
	Vacuum Filter	HVF-848-150HC	\$128
	Vacuum Filter Element	H-848	\$17
	Silencer	HS-150	\$120
	Pressure Gauge	HPG-030	\$59
	Vacuum Gauge	HVG-030	\$59

EzSQ Software Programs

Model Number	List Price	Inverter Series	Description
<i>EzSQ Software for WJ200, SJ700 and SJ700B series inverters.</i>			
WJ200-CH-APP	N/C	WJ200	Crane and Hoist Application (2 speed and infinite)
SJ700-CH-APP	N/C	SJ700	Crane and Hoist Application (2 speed and infinite)
WJ200-BP-APP	N/C	WJ200	Booster Pump PID Application (loss of signal, broken pipe)
WJ200-IP-APP	N/C	WJ200	Irrigation Pump PID Application (Line fill, loss of prime, seal leak detection)
SJ700D-BP-APP	N/C	SJ700D	Booster Pump PID Application (loss of signal, broken pipe)
SJ700D-IP-APP	N/C	SJ700D	Irrigation Pump PID Application (Line fill, loss of prime, seal leak detection)
SJ-P1-BP-APP	N/C	SJ-P1	Booster Pump PID Application (loss of signal, broken pipe)
SJ-P1-IP-APP	N/C	SJ-P1	Irrigation Pump PID Application (Line fill, loss of prime, seal leak detection)

Applications are subject to change in availability and format. The applications are intended for suggestive use only. The above application programs may not be correct for your specific application. SJ-P1 versions 2.02 or higher have above functions added as parameters.

Inverter Training

Model Number	List Price	Inverter Series	Description
Training for WJ200, SJ700 and SJ700B series inverters.			
HAL-TRNG	\$600	ALL	Training will cover all parameters, EzCOM, EzSQ, and application specific topics.

Email

Orders: inverter-po@hal.hitachi.com

Technical Support: inverterinfo@hal.hitachi.com

Web

Sales & Technical Information: www.hitachi-america.us/ice/inverters

Web Store: <http://i-store.hitachi.us>

Sales Phone: (704) 972-9878

Inverter Support Line: (980) 500-7141

HOW TO PLACE ORDERS:

Email to: inverter-po@hal.hitachi.com

FAX to: (704) 599-4104

Orders may also be entered via the Web Store with an approved account or using a valid major credit card

All prices contained herein are in US Dollars

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Industrial Components & Equipment Division

AC Variable Frequency Drives

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Charlotte, NC 28216

