



**BENSHAW**  
Applied Motor Controls



# H2 Pump Drive 2021 Product Catalog

Rapid | Rugged | Global



Benshaw's standard products are stocked in warehouses in the USA and Canada... ready for shipment to support your critical needs:

Benshaw.com

In the USA, call or fax

**Phone:** 412.968.0100

**Fax:** 412.968.5415

In Canada, call or fax

**Phone:** 519.291.5112

**Fax:** 519.291.2595

BenshawExpress.com

If you prefer to order online, BenshawExpress.com provides direct digital access to our complete inventory of standard controls, drives and spare parts - 24 hours a day, seven days a week, 365 days a year.

# Save time with 24/7 online access at [benshawexpress.com](http://benshawexpress.com)

Benshaw Express is a convenient, time-saving tool for Benshaw authorized distributors.

The Benshaw web store enables users 24/7 access to:

- Check price and availability
- Place orders
- Track open orders
- Obtain tracking for shipped orders
- View freight charges for recent shipments
- View invoices
- Customized levels of access

Access Benshaw Express by following the link on **Benshaw.com** or directly at **BenshawExpress.com**.

# H2P SERIES - PUMP/FAN DRIVE

*The Benshaw H2P Series sets the new standard for variable frequency drives for pump and fans applications. It includes application software designed to perform many functions including advanced PID functions, multiple pump or multistage pump control, lead lag, simplex, multiplex, triplex with the capacity of multiplexing up to 8 drives. Cost saving result by reducing PLC's and peripherals typically required to achieve these functions that are now integral to the drive... The results are reduced maintenance cost, better system control, and improved pump and pipe monitoring and protection. If you have one or multiple motors in a system that require constant pressure or flow, then this is the drive for you.*

## STANDARD FEATURES - HARDWARE

- 240V: 7.5HP~25HP (ND), 5HP~20HP (HD)
- 480V: 7.5HP~800HP (ND), 5HP~600HP (HD)
- Protected Chassis IP20, 7.5~300HP / Open Chassis IP00, 400~800HP  
UL Enclosed Type 1 with optional conduit box (7.5HP~800HP)
- LCD Display/Keypad
- EMC Filter Compliant Category C3 (480V, 7.5HP-800HP)
- Single Phase Input (derating required)
- Plenum Rated (conduit option required)
- Built in DC Reactor (480V, 50HP~800HP)

## COMMUNICATIONS

Standard: RS-485 Modbus - RTU, BACnet, Metasys-N2

Options: Ethernet/IP, Modbus - TCP, Lonworks

## H2P SERIES PUMP / FAN SOFTWARE

- PID Control with Sleep Mode and Wake Up Boost, Broken Pipe and Under Load Detection
- Multi Motor Control - One drive to control the starting and stopping of up to 5 auxiliary motors up to 8 with option card
- Multiplex mode, Simplex, duplex, triplex up to 8 motors
- Master-follower
- Multiplex via RS-485
- Lead/Lag load share
- Pre-Fill and Soft-Fill
- Fire Mode Input
- Start and End Ramp - settings for quicker accel/decel times when below minimum speeds
- Decel Valve Ramp - Separate decel ramp frequency and time settings when stopping
- Time Event Scheduling - Program run times for 7 days operation
- Flow Compensation - Compensate for losses in long pipe lengths
- Backspin Timer
- Pump Clean Operation
- Load Tuning
- Drive Output Level Detection - Set warning/trip limits (current, power, others) to detect drive operation beyond limits
- Oil Pump Starter Control
- Damper Control and Monitoring
- Broken Pipe Detection
- Under Load Detection
- Pre-Heat Function ( Condensation Control)







## H2P SERIES - LEAD LAG OPERATION

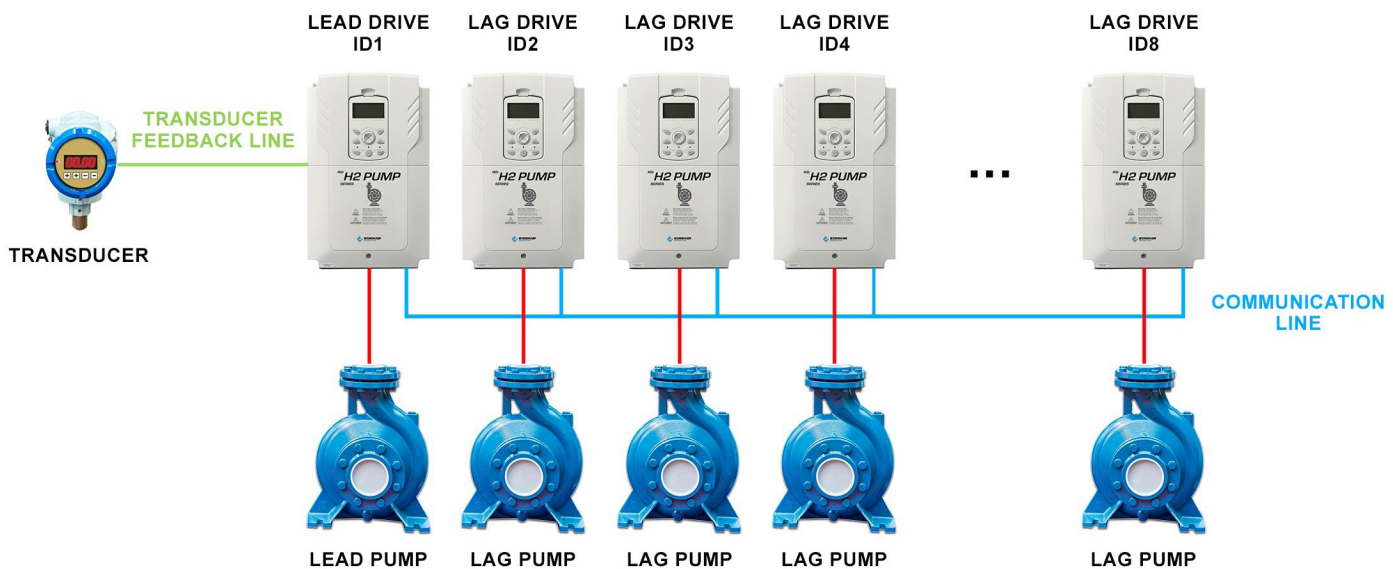
### MULTI-STAGE PUMP CONTROL

*This mode is also referred to as “Master-Follower” or Lead-Lag/ Loadshare.”*

*The system can be configured without using a controller (such as a PLC) by connecting the drives via communications. Wiring is minimized with the use of communications, which eliminates the need for additional options by using the Modbus RTU communications. Running order and alterations are based upon operation time. If a failure occurs to the master drive, the next drive will run as the master.*

#### FEATURES:

- Pumps are individually connected to AC drives, and a master drive controls the entire system
- The pump is controlled by the unique PID function of AC drive, so external devices such as PLCs or contactors are not required
- The speed of each pump is controlled by individual AC drives to save energy
- Since the operating time of each pump is evenly distributed, the life expectancy of the pumping equipment is extended, reducing the total system operating cost
- If the master AC drive malfunctions, the next AC drive takes over as the master, and continuously controls the system without failure



## H2P SERIES - PRICING

230V	Normal Duty		Heavy Duty		Dimensions (inches)			Degree of Protection	Weight	List Price
	120% OL/1 min.	HP	150% OL/1min.	Amps	H	W	D			
Model Number	HP	Amps	HP	Amps	H	W	D	Degree of Protection	Weight	List Price
VFD-RSI-007-H2P-2C	7.5	22	5	17	9.13	6.30	7.13	IP20	7.3	\$1,260
VFD-RSI-010-H2P-2C	10	30	7.5	24	9.13	6.30	7.13	IP20	7.3	\$1,400
VFD-RSI-015-H2P-2C	15	42	10	32	9.13	6.30	7.13	IP20	7.3	\$1,580
VFD-RSI-020-H2P-2C	20	56	15	46	11.42	7.09	8.08	IP20	10.1	\$2,200
VFD-RSI-025-H2P-2C	25	69	20	60	13.78	8.66	8.79	IP20	15.7	\$2,700

460V	Normal Duty		Heavy Duty		Dimensions (inches)			Degree of Protection	Weight	List Price
	120% OL/1 min.	HP	150% OL/1min.	Amps	H	W	D			
Model Number	HP	Amps	HP	Amps	H	W	D	Degree of Protection	Weight	List Price
VFD-RSI-007-H2P-4C	7.5	12	5	8	9.13	6.30	7.13	IP20	7.3	\$1,200
VFD-RSI-010-H2P-4C	10	16	7.5	12	9.13	6.30	7.13	IP20	7.3	\$1,220
VFD-RSI-015-H2P-4C	15	24	10	15	9.13	6.30	7.13	IP20	7.4	\$1,460
VFD-RSI-020-H2P-4C	20	30	15	22	11.42	7.09	8.08	IP20	10.1	\$2,000
VFD-RSI-025-H2P-4C	25	38	20	28	11.42	7.09	8.08	IP20	10.6	\$2,400
VFD-RSI-030-H2P-4C	30	45	25	35	13.78	8.66	8.79	IP20	16.5	\$2,780
VFD-RSI-040-H2P-4C	40	61	30	41	13.78	8.66	8.79	IP20	16.5	\$2,900
VFD-RSI-050-H2P-4C	50	75	40	55	17.72	10.83	11.18	IP20	57	\$4,180
VFD-RSI-060-H2P-4C	60	91	50	67	20.08	12.80	11.18	IP20	77	\$5,200
VFD-RSI-075-H2P-4C	75	107	60	81	20.08	12.80	11.18	IP20	77	\$5,580
VFD-RSI-100-H2P-4C	100	142	75	106	21.67	12.80	12.17	IP20	95	\$6,990
VFD-RSI-125-H2P-4C	125	169	100	136	21.67	12.80	12.17	IP20	95	\$7,800
VFD-RSI-150-H2P-4C	150	223**	125	169	27.80	11.81	15.20	IP20	123	\$10,480
VFD-RSI-200-H2P-4C	200	264**	150	195	27.80	11.81	15.20	IP20	123	\$11,100
VFD-RSI-250-H2P-4C	250	325**	200	255	27.76	14.96	15.59	IP20	165	\$13,600
VFD-RSI-300-H2P-4C	300	370**	250	303	27.76	14.96	15.59	IP20	165	\$15,700
VFD-RSI-400-H2P-4C	400	481**	300	375	36.34	16.77	17.32	IP20	265	\$23,100
VFD-RSI-500-H2P-4C	500	613**	400	478	39.37	23.62	19.69	IP20	409	\$37,300
VFD-RSI-650-H2P-4C	650	770**	500	591	39.37	23.62	19.69	IP20	409	\$41,700
VFD-RSI-800-H2P-4C	800	962**	600	740	41.50	30.55	19.67	IP20	584	\$50,100

Units with \*\* rated for 110% current for 60 seconds.

## H2P SERIES - INPUT AND OUTPUT SPECIFICATIONS

### 240V, 7.5HP - 25HP (5.5 - 18.5 kW)

RSI-XXX-H2P-2C			007	010	015	020	025
240V, 3Ø Input	Normal Duty 120% OL	HP	7.5	10	15	20	25
		kW	5.5	7.5	11	15	18.5
		Amps	22	30	42	56	69
	Heavy Duty 150% OL	HP	5	7.5	10	15	20
		kW	3.7	5.5	7.5	11	15
		Amps	17	24	32	46	60
240V, 1Ø Input	Normal Duty 120% OL	HP	3.0	5.0	7.5	10.0	-
		Amps	11	16	23	30	37
	Rated Capacity (kVA)		8.4	11.4	16.0	21.3	26.3
	Output frequency		0-400Hz (V/Hz, Slip Compensation) 0-120Hz (IM Sensorless) 0-180Hz (PM Sensorless)				
	Output voltage (V)		3-Phase 0-240 V				
Rated Input	Voltage (V)	Three-Phase	3-Phase 200-400 VAC (-15% -+10%)				
		Single-Phase	1-Phase 240 VAC (-5% -+10%)				
	Input frequency	Three-Phase	50-60Hz (+/-5%)				
		Single-Phase	60Hz (+/-5%) only				
	Rated Current (A)		23.7	32.7	46.4	62.3	77.2
Weight lbs (kg)		lbs	7.3	7.3	7.3	10.1	15.6
		kg	(3.3)	(3.3)	(3.3)	(4.6)	(7.1)
Heat Dissipation (W)			180	248	330	451	600
Degree of Protection			IP20, for UL type 1 add conduit box option.				

### 480V, 7.5HP - 30HP (5.5 - 22 kW)

RSI-XXX-H2P-4C			007	010	015	020	025	030
480V, 3Ø Input	Normal Duty 120% OL	HP	7.5	10	15	20	25	30
		kW	5.5	7.5	11	15	18.5	22
		Amps	12	16	24	30	38	45
	Heavy Duty 150% OL	HP	5.0	7.5	10	15	20	25
		kW	3.7	5.5	7.5	11	15	18.5
		Amps	8	12	15	22	28	35
240V, 1Ø Input	Normal Duty 120% OL	HP	3-5	5	10	10	15	20
		Amps	6.8	9.2	14	17	22	26
	Rated Capacity (kVA)		9.1	12.2	18.3	23.0	29.0	34.3
	Output frequency		0-400Hz (V/Hz, Slip Compensation) 0-120Hz (IM Sensorless) 0-180Hz (PM Sensorless)					
	Output voltage (V)		3-Phase 0-480 V					
Rated Input	Voltage (V)	Three-Phase	3-Phase 380-480 VAC (-15% -+10%)					
		Single-Phase	1-Phase 480 VAC (-5% -+10%)					
	Input frequency	Three-Phase	50-60Hz (+/-5%)					
		Single-Phase	60Hz (+/-5%) only					
		Rated Current (A)		12.2	17.5	26.5	33.4	42.5
Weight lbs (kg)		lbs	7.3	7.3	7.5	10.1	10.6	16.5
		kg	(3.3)	(3.3)	(3.4)	(4.6)	(4.8)	(7.5)
Heat Dissipation (W)			172	237	322	451	615	740
Degree of Protection			IP20, for UL type 1 add conduit box option.					

# H2P SERIES - INPUT AND OUTPUT SPECIFICATIONS

## 480V, 40 HP -125 HP (30 - 90 kW)

RSI-XXX-H2P-4C			040	050	060	075	100	125
480V, 3Ø Input	Normal Duty 120% OL	HP	40	50	60	75	100	125
		kW	30	37	45	55	75	90
		Amps	61	75	91	107	142	169
	Heavy Duty 150% OL	HP	30	40	50	60	75	100
		kW	22	30	37	45	55	75
		Amps	41	55	67	81	106	136
240V, 1Ø Input	Normal Duty 120% OL	HP	25	30	30	40	50-60	60
		Amps	36	39	47	55	73	86
	Rated Capacity (kVA)		46.5	57.1	69.4	82.0	108.2	128.8
	Output frequency		0-400Hz (V/Hz, Slip Compensation) 0-120Hz (IM Sensorless) 0-180Hz (PM Sensorless)					
	Output voltage (V)		3-Phase 0-480V					
Rated Input	Voltage (V)	Three-Phase	3-Phase 380-480 VAC (-15% -+10%)					
		Single-Phase	1-Phase 480 VAC (-5% -+10%)					
	Input frequency	Three-Phase	50-60Hz (+/-5%)					
		Single-Phase	60Hz (+/-5%) only					
	Rated Current (A)		69.1	69.3	84.6	100.1	133.6	160.0
Weight lbs (kg)		lbs	16.5	57.3	77.2	77.2	94.8	94.8
		kg	(7.5)	(26)	(35)	(35)	(43)	(43)
Heat Dissipation (W)			880	1170	1443	1710	2090	2775
Degree of Protection			IP20, UL Type 1 achieved with optional conduit box					

## 480V, 150 HP -800 HP (110 - 500 kW)

RSI-XXX-H2P-4C			150	200	250	300	400	500	650	800
480V, 3Ø Input	Normal Duty 110% OL	HP	150	200	250	300	400	500	650	800
		kW	110	132	160	185	250	315	400	500
		Amps	223	264	325	370	481	613	770	962
	Heavy Duty 150% OL	HP	125	150	200	250	300	400	500	600
		kW	90	110	132	160	185	250	315	375
		Amps	169	195	255	303	375	478	591	740
	Rated Capacity (kVA)		170	201	248	282	367	467	587	733
	Output frequency		0-400Hz (V/Hz, Slip Compensation) 0-120Hz (IM Sensorless)							
	Output voltage (V)		3-Phase 0-480V							
Rated Input	Voltage (V)	Three-Phase	3-Phase 380-480 VAC (-15% -+10%)							
	Input frequency	Three-Phase	50-60Hz (+/-5%)							
	Rated Current (A)		215.1	254.6	315.3	358.9	469.3	598.1	751.3	938.6
Weight lbs (kg)		lbs	123	123	164.7	164.7	264.6	409	409	584
		kg	(55.8)	(55.8)	(74.7)	(74.7)	(120)	(185.5)	(185.5)	(265)
Heat Dissipation (W)			3960	4752	5600	6475	8500	10.4k	13.2k	16k
Degree of Protection			1HP~300HP (0.75 kW~185 kW): UL Open (IP20), UL Type 1 achieved with optional conduit box 400HP~800HP (250 kW~500 kW): UL Open (IP00), UL Type 1 achieved with optional conduit box							

## H2P SERIES - SPECIFICATION DETAILS

Items		Description	
Control	Control method	V/F control	
	Frequency settings resolution	Digital command: 0.01Hz Analog command: 0.06Hz (60Hz standard)	
	Frequency	1% of maximum output frequency	
	V/F pattern	Linear, Square Reduction, User V/F	
	Overload capacity (Normal Duty)	1HP~125HP (0.75~90 kW)	Rated current: 120% 1 min.
		150HP~800HP (110~500kW)	Rated current: 110% 1 min.
	Torque boost	Manual torque boost, automatic torque boost	
Operation	<b>Operation Type</b>		
	Start/Stop	Keypad, Terminal strip, Communications	
	Frequency settings	Analog type: -10 - 10V, 0-10 V, 0-20 mA (Main and Auxiliary)	
		Digital type: keypad, pulse train input	
		Communication: RS-485 (Modbus), Fieldbus Options	
		<b>H2 Pump Software</b>	BACnet and Metasys-N2
		MMC - Multi-Motor Control	Load Tuning
			Decel Valve Ramp
		Lead/Lag and Alternating	Time Event Scheduling
		Pre-Fill, Soft Fill	Flow Compensation
		Start and End Ramp	Energy Saving Operation
		Backspin Timer	
		Flow Compensation	
		Pump Clean Operation	
	Functions	<b>Basic</b>	<b>Advanced</b>
		Quick Start	Auto Tuning
		Accel/Decel Times	
		Start/Stop Operation	Torque Limits
		Frequency Reference	
		Sources	PID Control
		Jog and Jog Start	Event Timer (RTC)
		Torque Boost	Energy Save Mode
		2nd Source (HOA)	Multi-Stage Accel/Decel Times
		Auxiliary Frequency	Dwell Frequency Operation
		Reference	Regen Avoidance
		V/Hz. Control	VFD Fan Control
		V/Hz. Pattern	Timer
		Step Frequencies/ Fixed Speed	Pre-Heat
		Accel/Decel Pattern	<b>Loss of Power</b>
		Start Modes	KEB (Ride Through)
		Stop Modes	Safe Stop
		FWD/REV Run Prevention	Speed Search



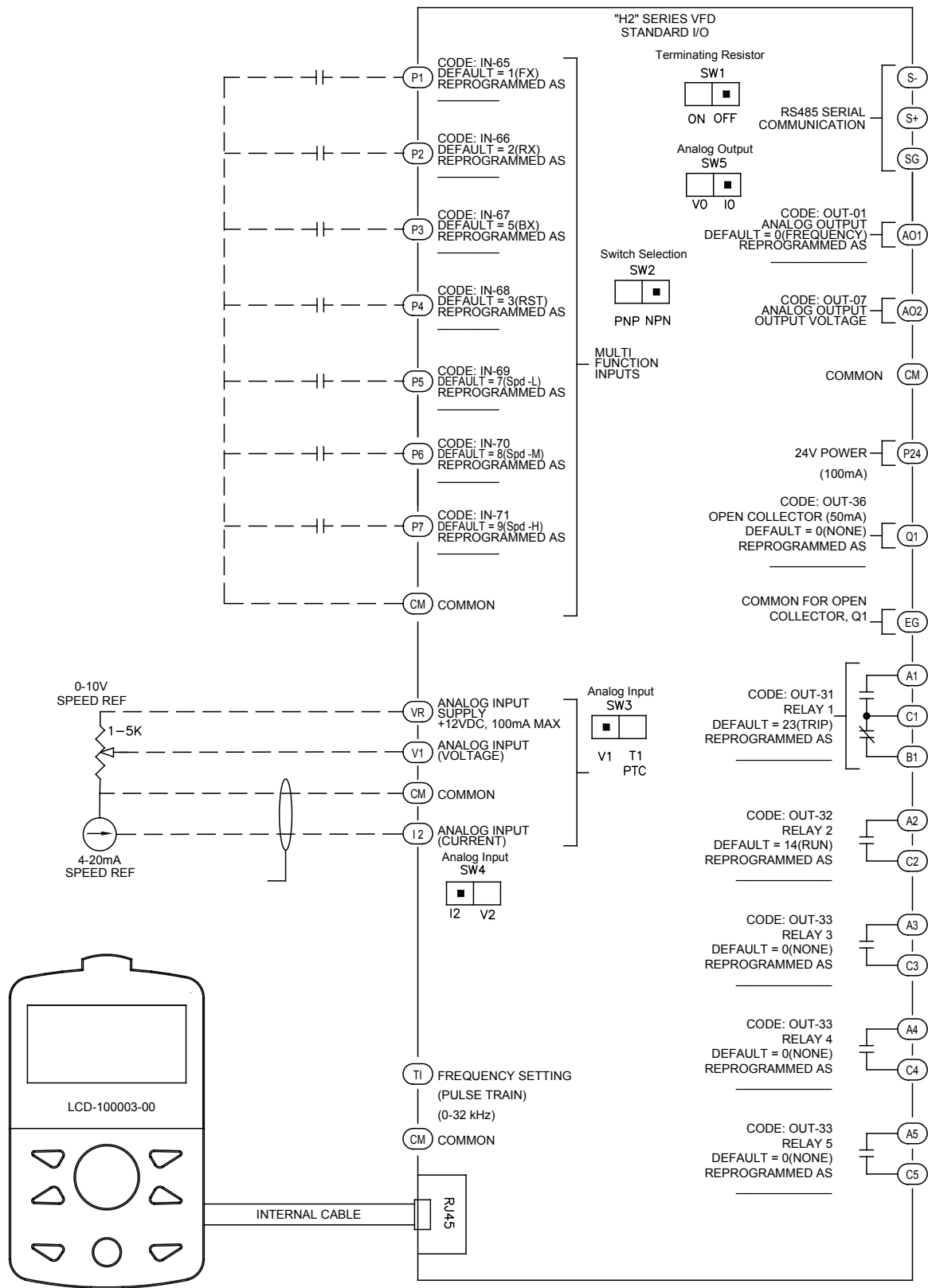
## H2P SERIES - SPECIFICATION DETAILS

Items			Description	
Operation	Functions		Auto Start	<b>Braking</b>
			Auto Reset/Restart	Power Braking
			Frequency Limits	DC Injection Braking
			Jump Frequencies	Flux Braking
			3-Wire Control	Stall Prevention
			Fire Mode	External Brake Control
	Input	Digital input terminals P1-P7	Select PNP (Source) or NPN (Sink) mode. Functions of the digital inputs are set with parameters IN-65 through IN-71	
		Functions	Forward/Reverse Operation	2nd Source - HOA/LOR
				Up/Down Operation
			Reset	Analog Hold
			External Trip	PID Disable
			Emergency Stop	Jog Start FWD/REV
			Output Disable (Bx)	Pre-Excite
			Jog	Timer Input
			Fixed Speed - Step	Fire Mode
			Frequency	Event Timer
			Run Enable/Disable (Safety)	Pre-Heat
		Pulse train	0-30 kHz, Low Level: 0-0.8 V, High Level: 3.5-12 V	
	Output	(1) Fault relay (Form C)	N.O. : Less than AC 250V 2A, DC 30V 3A N.O.: Less than AC 250V 1A, DC 30V 1A	
		(4) Programmable relays (Form A)	N.O. (A-C): Less than 250V, 5A Less than DC 30V, 5A	
		(1) Open collector terminal	Less than DC 26V, 50 mA	
		Analog output	0-12 Vdc (0-20 mA): Selectable Frequency, output current, output voltage, DC bus voltage, others	
		Pulse train	Maximum 32 kHz	
Protection Function	Trip		Motor Over Load	Fan Trip
			Under Load	Internal Fan Trip
			Over Current 1	Motor Over Heat
			Over Voltage	Lost Keypad
			Low Voltage	Fuse Open
			Low Voltage 2	Pipe Broken
			Ground Fault	Broken Belt
			E-Thermal	Lost Command (Speed Ref)
			Out Phase Open	I/O Board Trip
			In Phase Open	
			Inverter Over Load	<b>Fan/Pump related trips</b>
			No Motor Trip	Damper Trip
			Inverter over Heat	Level Detected Trip
			Over Current 2	MMC Interlock Trip
			External Trip	Pump Cleaning Trip
			Hardware Diagnostic	

## H2P SERIES - SPECIFICATION DETAILS

	Items	Description
Protection Function	Alarm	Command loss, Motor overload/under load, Broken Belt, Inverter overload, DB (braking) rate alarm, Pump Clean, Pipe Broken, Fire Mode, Level Detection (LDT)
	Instantaneous Power Loss	Less than 8 ms: Continue Operation More than 8 ms: KEB and/or Auto restart operation
Structure / working environment	Cooling type	Forced fan cooling structure
	Protection structure	UL Open, IP20: 1HP~7.5HP (0.75kW~5.5kW) UL Open, IP00: 400HP~800HP (250kW~500kW) UL Type 1 with conduit box (option) installation (up to 800 HP)
	Ambient temperature	-10°C to 50°C. 2.5% current derate per degree C above 40°C (25% derate at 50°C ambient). No ice or frost should be present
	Ambient humidity	Relative humidity less than 95% RH (to avoid condensation)
	Storage temperature	-4°F~149°F (-20°C~65°C)
	Surrounding environment	Prevent contact with corrosive gases, inflammable gases, oil stains, dust and other pollutants. 1HP~800HP (0.75 kW ~ 500 kW) Pollution Degree 2
	Operation altitude	Maximum 3,280 ft (1,000m) above sea level for standard operation. Above derate the drive rated voltage and the rated output current by 1% for every 328 ft (100m) up to 13,123 ft (4,000m) max.
	Operation oscillation	Less than 1.0 G (9.8 m/sec <sup>2</sup> )
	Pressure	10~15 PSI (70-106 kPa)

# H2P SERIES - WIRING

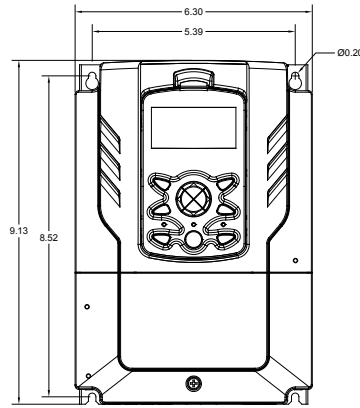




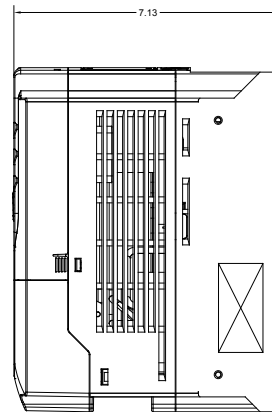
## H2P SERIES - DRAWINGS

240V, 7.5 HP - 15 HP

480V, 7.5 HP - 15 HP



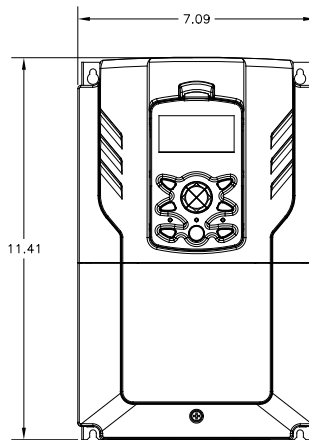
FRONT VIEW



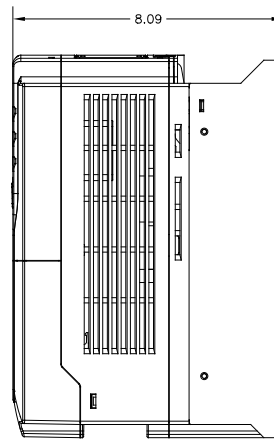
RIGHT SIDE VIEW

240V, 20 HP

480V, 20 HP - 25 HP



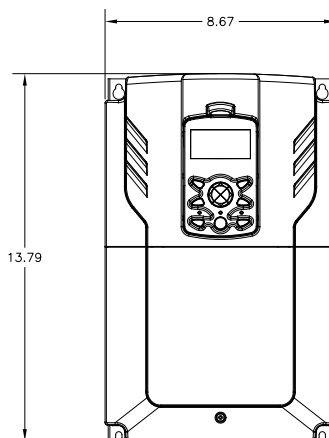
FRONT VIEW



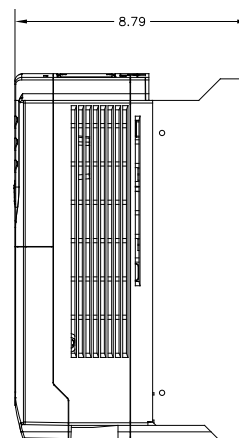
RIGHT SIDE VIEW

240V, 25 HP

480V, 30 HP - 40 HP



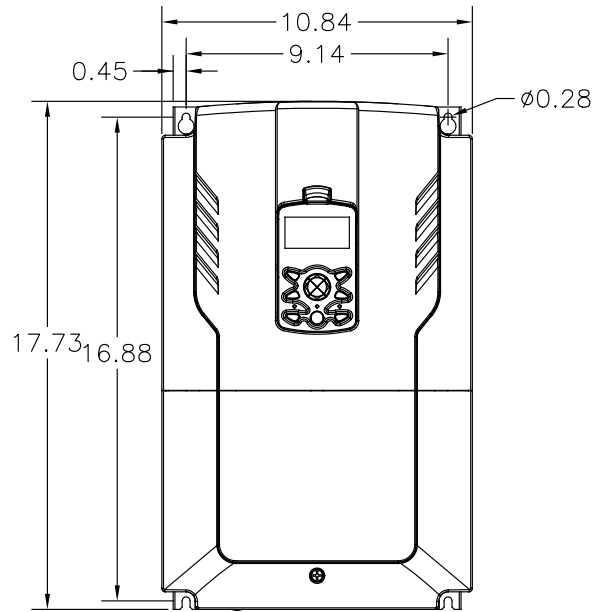
FRONT VIEW



RIGHT SIDE VIEW

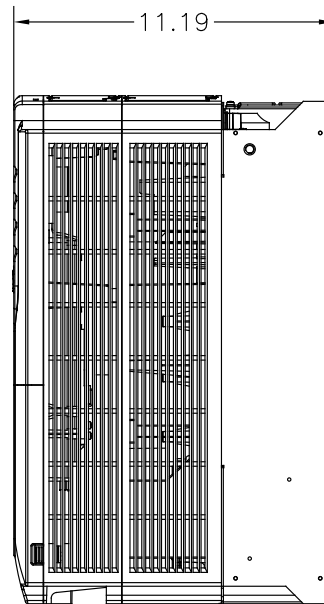
# H2P SERIES - DRAWINGS

480V, 50 HP



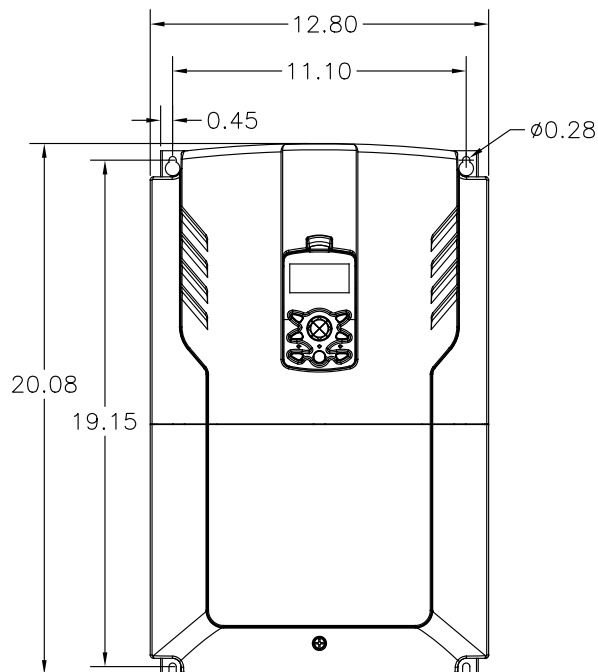
CONDUIT OPTION

FRONT VIEW

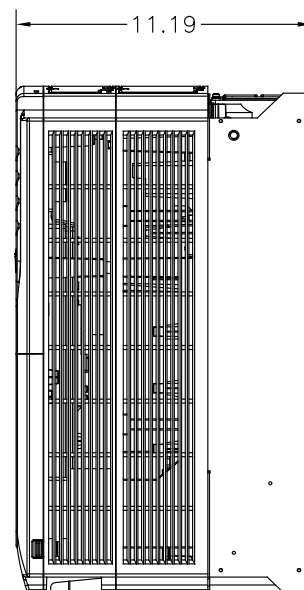


RIGHT SIDE VIEW

480V, 60 HP - 75 HP



FRONT VIEW



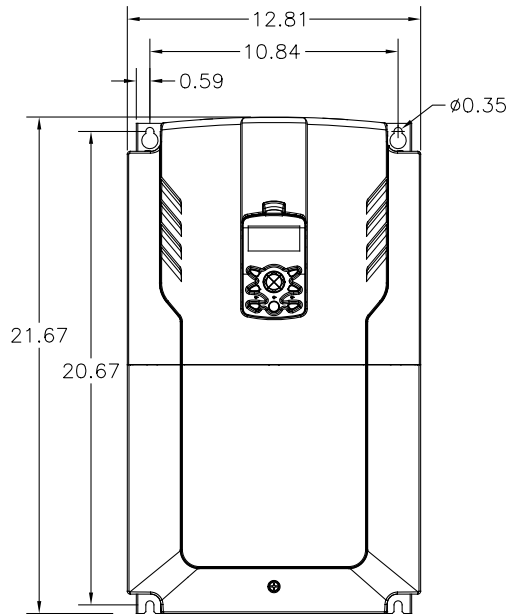
RIGHT SIDE VIEW



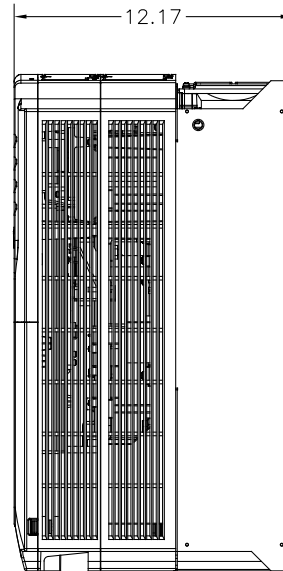


## H2P SERIES - DRAWINGS

480V, 100 HP - 125 HP

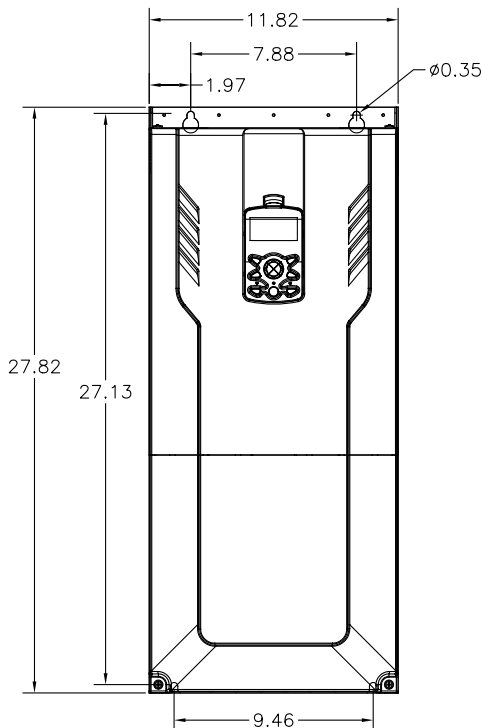


FRONT VIEW

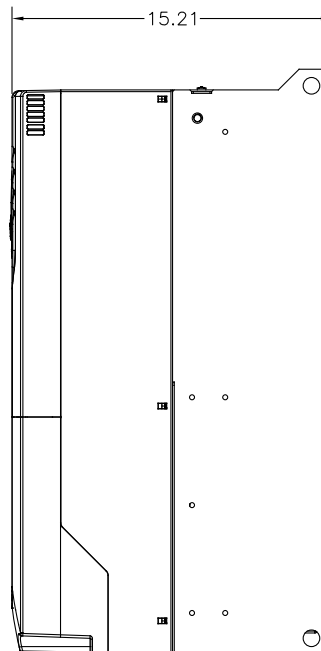


RIGHT SIDE VIEW

480V, 150 HP - 200 HP



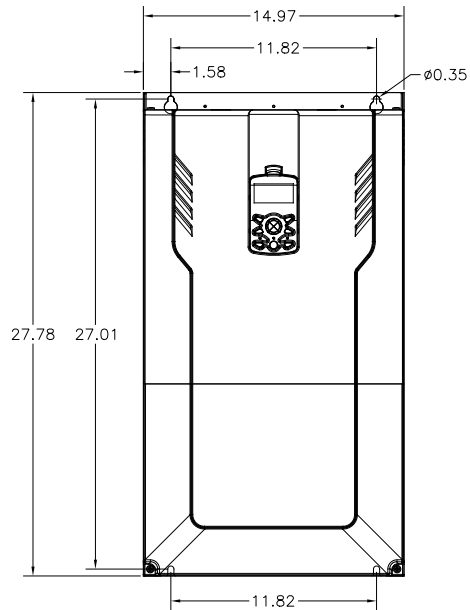
FRONT VIEW



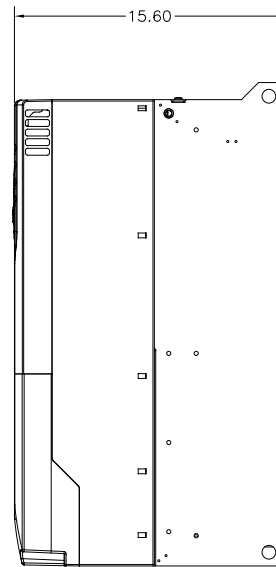
RIGHT SIDE VIEW

# H2P SERIES - DRAWINGS

480V, 250 HP - 300 HP

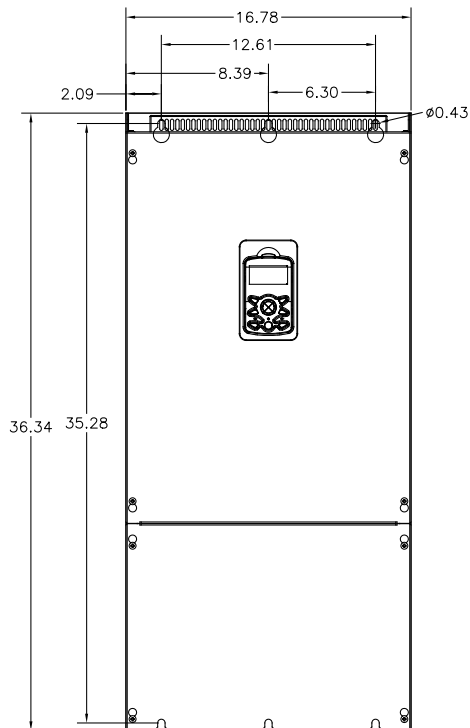


FRONT VIEW

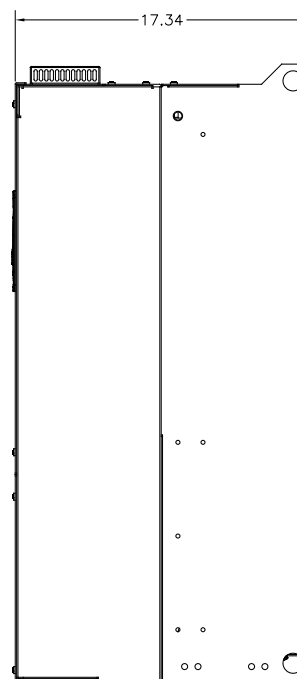


RIGHT SIDE VIEW

480V, 400 HP



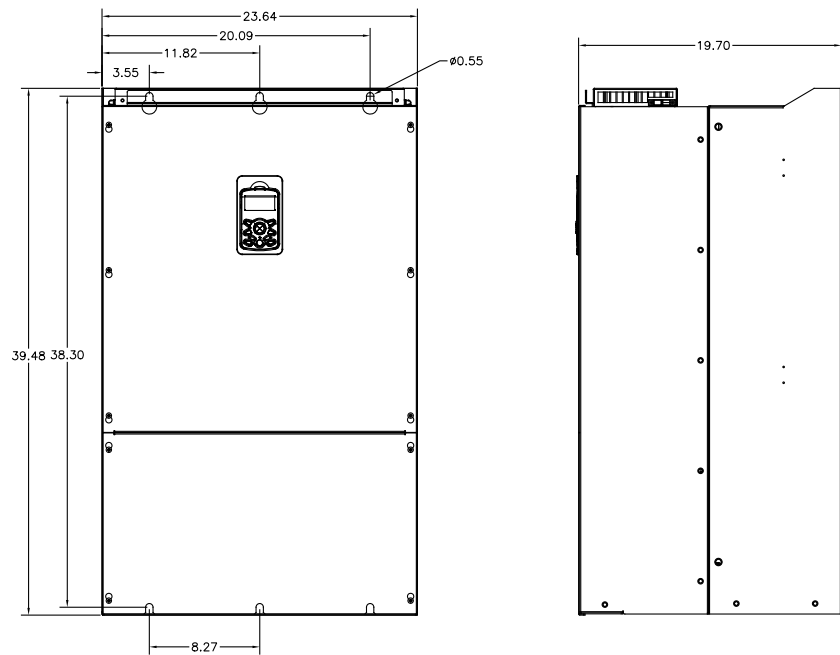
FRONT VIEW



RIGHT SIDE VIEW

# H2P SERIES - DRAWINGS

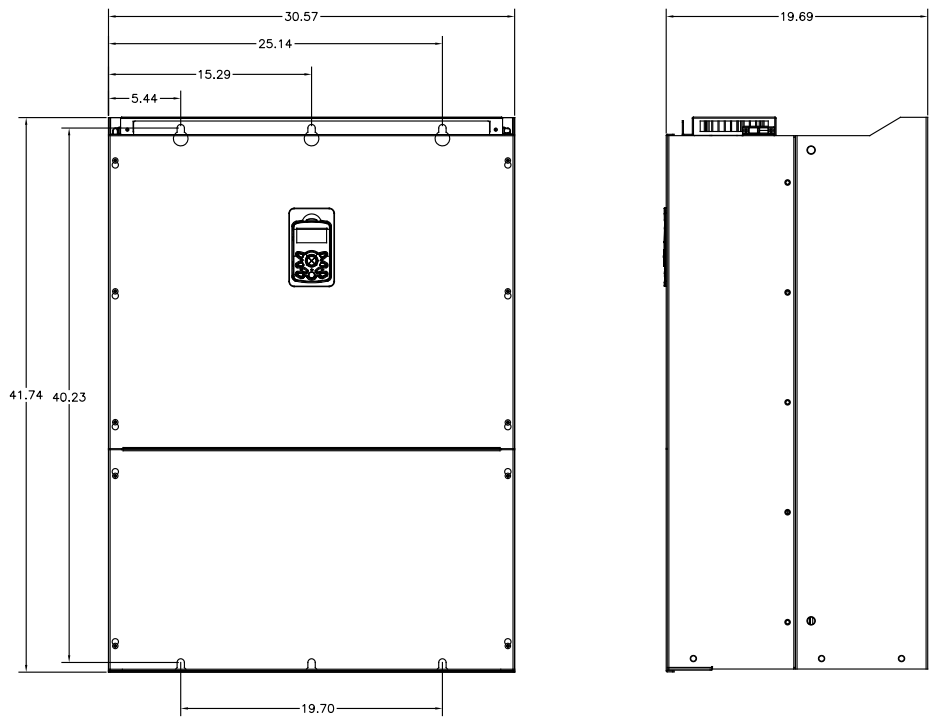
480V, 500 HP - 650 HP



FRONT VIEW

RIGHT SIDE VIEW

480V, 800 HP



FRONT VIEW

RIGHT SIDE VIEW



Benshaw's standard products are stocked in warehouses in the USA and Canada. . . ready for shipment to support your critical needs:

Benshaw.com

In the USA, call or fax

**Phone:** 412.968.0100

**Fax:** 412.968.5415

In Canada, call or fax

**Phone:** 519.291.5112

**Fax:** 519.291.2595

BenshawExpress.com

If you prefer to order online, BenshawExpress.com provides direct digital access to our complete inventory of standard controls, drives and spare parts - 24 hours a day, seven days a week, 365 days a year.

## Save time with 24/7 online access at [benshawexpress.com](http://benshawexpress.com)

Benshaw Express is a convenient, time-saving tool for Benshaw authorized distributors.

The Benshaw web store enables users 24/7 access to:

- Check price and availability
- Place orders
- Track open orders
- Obtain tracking for shipped orders
- View freight charges for recent shipments
- View invoices
- Customized levels of access

Access Benshaw Express by following the link on **Benshaw.com** or directly at **BenshawExpress.com**.

## 24/7 Technical Support

Benshaw is dedicated to providing comprehensive 24-hour-a-day, 7-day-a-week phone support. Benshaw provides repair, spare parts, field engineering, retrofit and training services, when and where you need us. You can count on our experienced team, backed by the latest diagnostics and repair tools and an extensive part inventory to support your operations.

Call 1.800.203.2416

24/7 Hotline Support from our operations in Pittsburgh and Listowel (Canada):

- Technical phone support
- Overnight parts shipment
- 24-hour service dispatch
- Coordination of all service capabilities

## Repairs

Repairs are made on Benshaw equipment by trained, experienced personnel, using the latest diagnostic and test equipment.

Field Services are performed on-site by skilled technicians, engineers or complete team if needed, including:

- Start-up commissioning
- Field repairs
- Field analysis/data collection
- Preventative maintenance
- Retrofits

## The Benshaw Product Line

A wide range of motor controls and drives is available.

- Solid-state starters fractional up to 30,000HP at 15kV
- LV AC drives to 800HP, MV AC drives to 10,000HP
- Electromechanical controls to 800A

Benshaw express is a 24/7 online inventory and order entry system for authorized Benshaw distributors:

- 24/7 shipment
- Air or truck delivery

Visit us online at  
Benshaw.com and  
benshawexpress.com,  
or contact:

### **BENSHAW, Inc.**

615 Alpha Drive  
Pittsburgh, PA 15238  
Phone: 412.968.0100  
Fax: 412.968.5415

### **BENSHAW Canada**

550 Bright Street East  
Listowel, Ontario N4W 3W3  
Phone: 519.291.5112  
Fax: 519.291.2595

Specifications are subject to change without notice.

©2021 Benshaw, Inc. CAT-19001-09 printed in the USA



**BENSHAW**  
Applied Motor Controls