



Beyond



LSLV-H100+

Featuring new fan & pump control functions



LS *ELECTRIC*

H100+



Evolution of Pumping Controls

LS ELECTRIC's H100+ is superior drive that operates variable speed control of AC motor pumps. Minimal setup and no extra equipment are required to achieve outstanding pump control and operations utilizing H100+ drive features.

ECO-friendly and Energy Saving

The H100+ is an eco-friendly and energy-saving solution designed for fan and pump systems. Up to 40% of energy savings can be achieved by optimizing speed control. The H100+ includes newly integrated pump control and protection features for reliable operation.



- **UL** - Standard UL 61800-5-1
- **cUL** - CSA Standard C22.2 No. 14
- **CE** - Standard EN 61800-3, CEN61800-5-1, EN50178
- **Korean** - Standard KN 61800-3
- **Marine** - ABS, DNV/GL, LR, KR, NK, BV, RINA, CCS, RS
- **OSHDP** Seismic Certification
- **Plenum Rated**
- **ROHS compliant**

Up to 70 % of fresh water is used for irrigation purposes. H100+ is used for careful distribution and conservation which is crucial for sustainable supplies.

H100+ provides irrigation solutions that meet customer needs:

- Smooth operation and protection from equipment damage
- Even flow and pressure to each nozzle along a pivot
- Protection against dry-running and cavitation
- Safe operation with unstable power supplies





Voltage Line-up! [Available]

NOW

- 230V Class 1 to 125HP
- 460V Class 1 to 1000HP
- 575V Class 7.5 to 400HP

Newly added features of H100+

- New pump control functions
- User-friendly key control
- Improved PID performance

Existing Features for fans & pumps of H100

Soft Fill Operation
Dec Valve Ramp
Multi Motor Control
Scheduling (Real Time Clock)
Flow Compensation
Power-on Resume
Sleep Boost
Lubrication Control
Damper Control
Detection of Pipe Broken
Level Detection
Pre-Heat
Under Load Protection
Pump Clean
Load Tuning
Fire Mode



Added New features for pumps of H100+

No-Flow Control
Flow Monitoring
PI Auxiliary (Suction/Level/Vacuum) Control
Over-Cycling Protection
Differential Level Detection
Low/High Feedback Detection
Setpoint Timeout
Current Limit
Thrust Bearing Control
Pump Minimum Speed
Improved Hand-Off-Auto Keypad
Power-On Run for Keypad Command
Lead-Lag
Enhanced PID Performance
Simplify PID Group
Various Sleep Mode & Method
Selectable Wake-Up Method (Absolute, Deviation)
Wake-Up Disable Mode
Backspin Timer
Single Phase Protection
Dual Rating



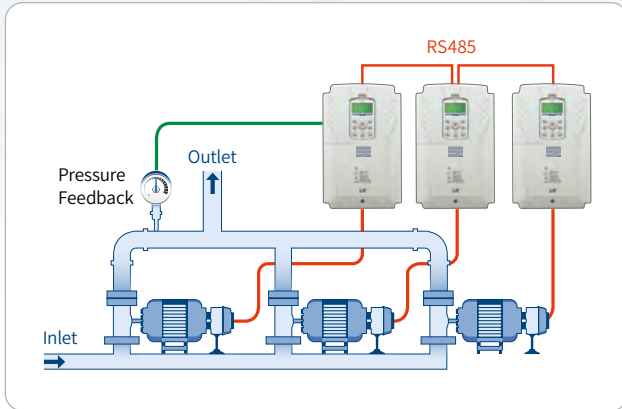
※ Deleted "external PID", "Payback Counter",
"M2 group" from H100



Added Pump Control Features

The minimal setup and no extra equipment are required to achieve outstanding pump control and operations by using the H100+'s pump driven features.

Lead-lag



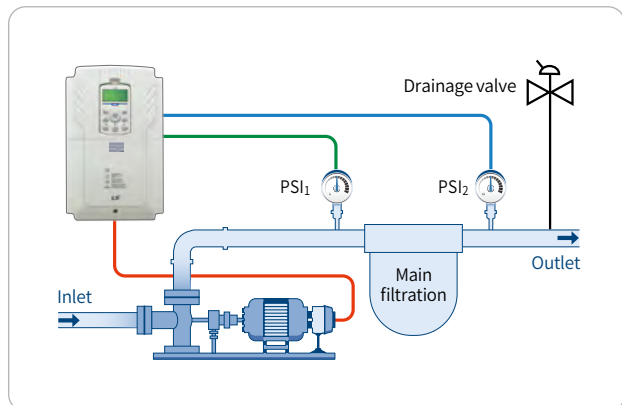
Lead-lag is a fully redundant pump system where multiple drives and pumps are coupled and used to operate at the optimum efficiency.

The system can be fully customized per the application needs. If the master drive fails the next drive would take over to maintain pressure.

Additionally, pump operation sequence can be set based on the operation time, FIFO, or FILO. H100+'s cutting edge load-sharing feature ensures smooth alternation staging and destaging of pumps, and most importantly makes the most cost-effective operation possible.

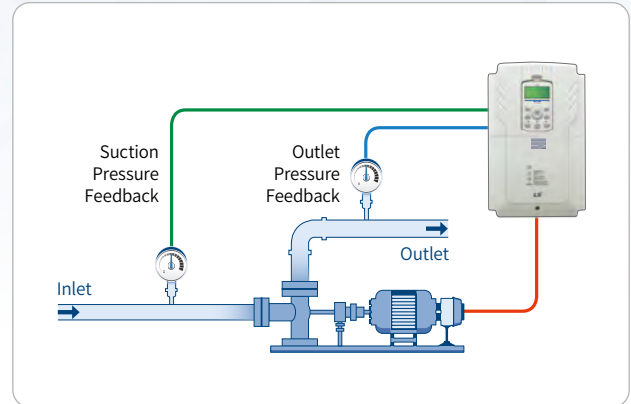
※Up to 8 VFD/Motors can be set for lead-lag control

Differential Level Detection



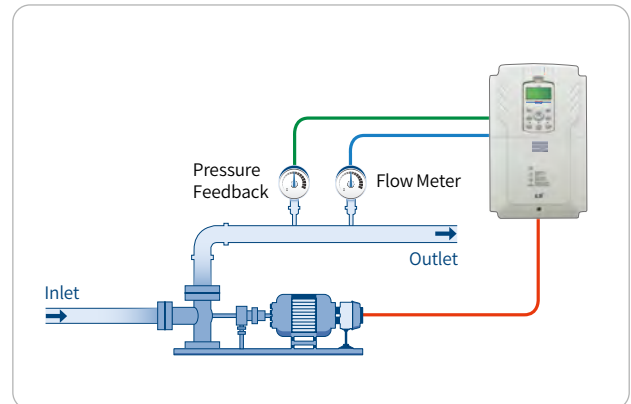
The difference between two feedbacks is monitored and measured for backflush operation for filter clog detection.

PI Auxiliary Control



H100+ can be used as a standalone PI with a transducer or in parallel when using a secondary pressure transducer. This function allows the H100+ to monitor suction pressure at the inlet of the pump and control the output frequency accordingly.

Flow Monitoring



Useful application for pumping systems which regulate and limit how much water can be pumped out rivers, stream, and aquifers.

- Display flow rate
- Trigger High/Low flow rate trips, warnings, and outputs.
- Accumulation Counter PID control by Flow feedback



Pump Protection Features

No-flow control

By controlling the output frequency and monitoring the change of the feedback value simultaneously, H100+ can detect no flow condition. No-flow conditions can be caused by closed off valves or restrictions, also known as deadhead. When no-flow is detected, H100+ puts pump into sleep mode protecting the pump and pipeline from damage that may occur by operating in such condition.

Over-cycle Protection

Cycling refers to when the VFD switches from the normal operation of Auto mode to the Sleep mode. By counting and controlling the number of the cycle, H100+ can prevent pumps from cycling too frequently.

Low/High Feedback Detection

H100+ detects Low/High feedback level based on the configured parameter value and generates warning, trip, or digital output by monitoring feedback values continuously.

Setpoint Timeout

A blockage of the impeller, pump over-cycling, a broken pipe condition, or other restrictions could sometimes cause the feedback value deviates undesirably from the setpoint. H100+ continuously monitors the setpoint and feedback values to provide warning or trip when the difference between them is greater than configured parameter level and time.

Current Limit

H100+ monitors the current level and reduces the output speed when the motor current increases to overload condition to prevent tripping, while maintaining the output frequency above the minimum speed.



PID Control

- Improved PID performance (fast & precise)
- Easy setup with the simplified parameter group
- Various sleep & wake-up modes
- Supplementary features for PID operation



Intuitive and User Friendly

H100+ commissioning and start-ups are easy and intuitive due to the user friendly keypad.

- Enhanced hand-off-auto keypad
- Simplified PID group added
- HMI solutions tailored to your pump & fan application



Application Adaptability

- Dual rating operation : Designed to be used for heavy and normal duty applications.
- UL Tested and Approved for use on Single-Phase Power



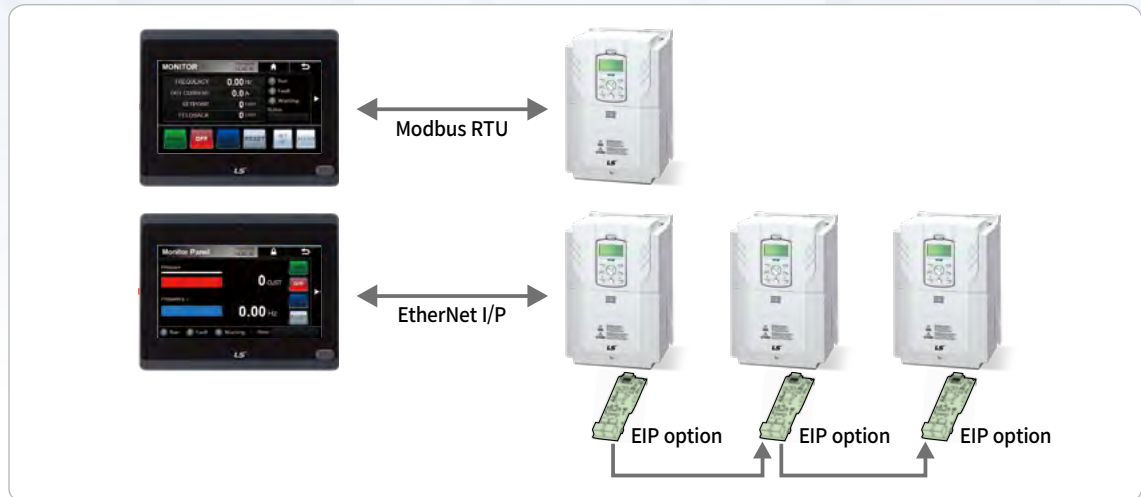
Features for HVAC

- SCCR 100KA
- Metasys N2, BACnet MS/TP is embedded as standard
- BACnet/IP option can be added
- BACnet/IP, Ethernet/IP available with option card
- Plenum Rated
- OSHPD Seismic design



Enhanced Monitoring and Programming with HMI

Pump controlling interface embedded in HMI for easy & remote control and Hand-Off-Auto operation also available through HMI.



※ EtherNet I/P communication has to be used with H100+ to monitor and control via HMI in lead-lag operation.

Features included:

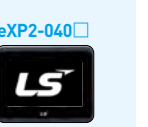
- Hand-off-auto operation features
- Parameter settings
- Trend monitoring
- Wizard
- Parameter read/write
- Timer function
- Trip log
- Multi VFD control
- Parameter Lock/Password



eXP2 Series (Standard)

- Fully compatible with prior eXP generation models
- Improved project downloading speed, screen switching speed, booting time, and graphic rendering
- Enhanced product reliability (LCD backlight lifespan, Non battery type NVRAM)
- Variety of interfaces and functions including FTP, PDF Reader, etc.

Effective and Cost-efficient Control and Monitoring Solution

Standard	10.2"[25.9Cm]	7"[17.7Cm]	5.6"[14.2Cm]	4.3"[10.9Cm]
 Serial I/F (RS-232C)  Serial I/F (RS422/485)  Serial I/F (RS-485)  USB I/F  Ethernet I/F  Micro SD Card I/F	eXP2-100  TFT 16.7M Colors WSVGA(1024 X 600)	eXP2-070  TFT 16.7M Colors WVGA(800×480)	eXP2-050  TFT 262,144 Colors VGA(640×480)	eXP2-040  TFT 16.7M Colors VGA(480×272)

※ Pre-built program can be provided for **eXP2-040 (4.3")** and **eXP2-070 (7")**.

※ Contact LS Electric America for consultation.

Model & Type

Motor Rating	Horse Power	3-Phase 230V		3-Phase 460V		3-Phase 575V	
		Description	Order Code	Description	Order Code	Description	Order Code
0.75 kW	1 HP	LSLV0008H100-2CONN(PLUS)	67360001PL	LSLV0008H100-4COFN(PLUS)	67370001PL		
1.5 kW	2 HP	LSLV0015H100-2CONN(PLUS)	67360002PL	LSLV0015H100-4COFN(PLUS)	67370002PL		
2.2 kW	3 HP	LSLV0022H100-2CONN(PLUS)	67360003PL	LSLV0022H100-4COFN(PLUS)	67370003PL		
3.7 kW	5 HP	LSLV0037H100-2CONN(PLUS)	67360004PL	LSLV0037H100-4COFN(PLUS)	67370004PL		
5.5 kW	8 HP	LSLV0055H100-2CONN(PLUS)	67360005PL	LSLV0055H100-4COFN(PLUS)	67370005PL	LSLV0055H100-5CEND(PLUS)	67320005PL
7.5 kW	10 HP	LSLV0075H100-2CONN(PLUS)	67360006PL	LSLV0075H100-4COFN(PLUS)	67370006PL	LSLV0075H100-5CEND(PLUS)	67320006PL
11 kW	15 HP	LSLV0110H100-2CONN(PLUS)	67360007PL	LSLV0110H100-4COFN(PLUS)	67370007PL	LSLV0110H100-5CEND(PLUS)	67320007PL
15 kW	20 HP	LSLV0150H100-2CONN(PLUS)	67360008PL	LSLV0150H100-4COFN(PLUS)	67370008PL	LSLV0150H100-5CEND(PLUS)	67320008PL
19 kW	25 HP	LSLV0185H100-2CONN(PLUS)	67360009PL	LSLV0185H100-4COFN(PLUS)	67370009PL	LSLV0185H100-5CEND(PLUS)	67320009PL
22 kW	30 HP	LSLV0220H100-2COFD(PLUS)	67360010PL	LSLV0220H100-4COFN(PLUS)	67370010PL		
		LSLV0220H100-2COND(PLUS)	67360011PL			LSLV0220H100-5CEND(PLUS)	67320010PL
30 kW	40 HP	LSLV0300H100-2COFD(PLUS)	67360012PL	LSLV0300H100-4COFN(PLUS)	67370011PL		
		LSLV0300H100-2COND(PLUS)	67360013PL			LSLV0300H100-5CEND(PLUS)	67320011PL
37 kW	50 HP	LSLV0370H100-2COFD(PLUS)	67360014PL	LSLV0370H100-4COFD(PLUS)	67370012PL		
				LSLV0370H100-4COND(PLUS)	67370013PL	LSLV0370H100-5COND(PLUS)	67320012PL
45 kW	60 HP	LSLV0450H100-2COFD(PLUS)	67360015PL	LSLV0450H100-4COFD(PLUS)	67370014PL		
				LSLV0450H100-4COND(PLUS)	67370015PL	LSLV0450H100-5COND(PLUS)	67320013PL
55 kW	75 HP	LSLV0550H100-2COFD(PLUS)	67360016PL	LSLV0550H100-4COFD(PLUS)	67370016PL		
				LSLV0550H100-4COND(PLUS)	67370017PL	LSLV0550H100-5COND(PLUS)	67320014PL
75 kW	100 HP	LSLV0750H100-2COFD(PLUS)	67360017PL	LSLV0750H100-4COFD(PLUS)	67370018PL	LSLV0750H100-5COND(PLUS)	67320015PL
90 kW	125 HP	LSLV0900H100-2COFD(PLUS)	67360018PL	LSLV0900H100-4COFD(PLUS)	67370019PL	LSLV0900H100-5COND(PLUS)	67320016PL
110 kW	150 HP			LSLV1100H100-4COFD(PLUS)	67370020PL	LSLV1100H100-5COND(PLUS)	67380017PL
132 kW	200 HP			LSLV1320H100-4COFD(PLUS)	67370021PL	LSLV1320H100-5COND(PLUS)	67380018PL
160 kW	250 HP			LSLV1600H100-4COFD(PLUS)	67370022PL	LSLV1600H100-5COND(PLUS)	67380019PL
185 kW	300 HP			LSLV1850H100-4COFD(PLUS)	67370023PL		
220 kW	350 HP			LSLV2200H100-4COFD(PLUS)	67370024PL	LSLV2000H100-5COND(PLUS)	67380020PL
250 kW	400 HP			LSLV2500H100-4COFD(PLUS)	67370025PL	LSLV2500H100-5COND(PLUS)	67380021PL
315 kW	500 HP			LSLV3150H100-4COFD(PLUS)	67370026PL	LSLV3000H100-5COND(PLUS)	67380022PL
355 kW	550 HP			LSLV3550H100-4COFD(PLUS)	67370027PL		
400 kW	650 HP			LSLV4000H100-4COFD(PLUS)	67370028PL		
500 kW	800 HP			LSLV5000H100-4COFD(PLUS)	67370029PL		
750 kW	1000 HP			LSLV7500H100-4COFD[PLUS]	67370040PL		

Model & Type

LSLV	0055	H100	—	4	C	O	F	N(PLUS)
	Motor Capacity 0008-0.75kW 0015-1.5kW 0022-2.2kW 0037-3.7kW 0055-5.5kW 0075-7.5kW 0110-11kW 0150-15kW 0185-18.5kW 0220-22kW 0300-30kW 0370-37kW 0450-45kW 0550-55kW 0750-75kW 0900-90kW 1100-110kW 1320-132kW 1600-160kW 1850-185kW 2200-220kW 2500-250kW 3150-315kW 3550-355kW 4000-400kW 5000-500kW 7500-750kW	Series Name		Input Voltage 2 : 3-phase 200~240V 4 : 3-phase 380~480V 5 : 3-phase 575V	Keypad Type C: LCD Keypad	UL Type O: UL Open E : UL Type1	EMC Filter F: Built-in EMC N: Non EMC	Reactor D: Built in DC Reactor N: Non DC Reactor PLUS: Sub Series Name

Input & Output Specification

200 – 240V, 1 – 25HP (0.75 – 18.5kW)

Model H100 XXXX-2 (PLUS)				0008	0015	0022	0037	0055	0075	0110	0150	0185
Applied Motor	Heavy Duty (150% OL)		HP	0.5	1	2	3	5	7.5	10	15	20
			kW	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15
	Normal Duty (120% OL)		HP	1	2	3	5	7.5	10	15	20	25
			kW	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5
Rated Output	Rated Capacity (kVA)			1.9	3	4.5	6.1	8.4	11.4	16	21.3	26.3
	Rated Current(A)	3-Phase input	HD	2.5	5	8	11	17	24	32	46	60
			ND	5	8	12	16	22	30	42	56	69
		Single Phase input (ND)		2.9	4.4	6.4	8.4	11	16	23	30	37
	Output Frequency			0–400 Hz								
	Output Voltage (V)			3-Phase 200–240 V								
Rated Input	Working Voltage (V)	3-Phase		3-Phase 200–240 VAC (-15%–+10%)								
		1-Phase		1-Phase 240 VAC (-5%–+10%)								
	Input Frequency	3-Phase		50–60 Hz (±5%)								
		1-Phase		60 Hz (±5%)								
	Rated Current (A)		HD	2.4	4.9	8.4	11.8	18.5	26.2	35.4	51.4	67.6
			ND	4.9	8.4	12.9	17.5	23.7	32.7	46.4	62.3	77.2
Weight (lb)				7.3	7.3	7.3	7.3	7.3	7.3	7.5	10.1	10.6

200 – 240V, 30 – 125HP (22 – 90kW)

Model H100 XXXX-2 (PLUS)			0220	0300	0370	0450	0550	0750	0900		
Applied Motor	Heavy Duty (150% OL)		HP	25	30	40	50	60	75	100	
			kW	18.5	22	30	37	45	55	75	
	Normal Duty (30 – 60HP : 120% OL, 75 – 125HP: 110%)		HP	30	40	50	60	75	100	125	
			kW	22	30	37	45	55	75	90	
Rated Output	Rated Capacity (kVA)			31.2	41.9	54.1	64.4	85.0	100.6	123.8	
	Rated Current(A)	3-Phase input	HD	68	81	106	136	169	195	255	
			ND	82	110	142	169	223	264	325	
		Single Phase input (ND)		45	58	78	92	122	145	178	
	Output Frequency			0–400 Hz							
	Output Voltage (V)			3-Phase 200–240 V							
Rated Input	Working Voltage (V)	3-Phase		3-Phase 200–240 VAC (-15%–+10%)							
		1-Phase		1-Phase 240 VAC (-5%–+10%)							
	Input Frequency	3-Phase		50–60 Hz (±5%)							
		1-Phase		60 Hz (±5%)							
	Rated Current (A)			HD	62.1	74.4	97.9	128.0	160.0	185.7	245.7
				ND	74.8	101.0	131.2	159.0	211.1	251.4	313.2
Weight (lb)				55.8	72.5	86.4	90.6	118.2	121.9	159.2	

Input & Output Specification

380 – 480V, 1 – 30HP (0.75 – 22kW)

Model H100 XXXX-4 (PLUS)			0008	0015	0022	0037	0055	0075	0110	0150	0185	0220	
Applied Motor	Heavy Duty (150% OL)	HP	0.5	1	2	3	5	7.5	10	15	20	25	
		kW	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5	
	Normal Duty (120% OL)	HP	1	2	3	5	7.5	10	15	20	25	30	
		kW	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5	22	
Rated Output	Rated Capacity (kVA)		1.9	3	4.5	6.1	9.1	12.2	18.3	23	29	34.3	
	Rated Current(A)	3-Phase input	HD	1.3	2.5	4	5.5	8	12	15	22	28	35
			ND	2.5	4	6	8	12	16	24	30	38	45
		Single Phase input (ND)		1.6	2.4	3.5	4.6	6.8	9.2	14	17	22	26
	Output Frequency		0-400 Hz										
	Output Voltage (V)		3-Phase 380-480 V										
Rated Input	Working Voltage (V)	3-Phase	3-Phase 380-480 VAC (-15%--+10%)										
		1-Phase	1-Phase 480 VAC (-5%--+10%)										
	Input Frequency	3-Phase	50-60 Hz (±5%)										
		1-Phase	60 Hz (±5%)										
	Rated Current (A)		HD	1.3	2.4	4.2	5.9	8.7	13.1	16.6	24.6	31.5	39.4
			ND	2.4	4.2	6.5	8.7	12.2	17.5	26.5	33.4	42.5	50.7
Weight (lb)			7.3	7.3	7.3	7.3	7.3	7.3	7.5	10.1	10.6	16.5	

380 – 480V, 40 – 125HP (30 – 90kW)

Model H100 XXXX-4 (PLUS)			0300	0370	0450	0550	0750	0900	
Applied Motor	Heavy Duty (150% OL)	HP	30	40	50	60	75	100	
		kW	22	30	37	45	55	75	
	Normal Duty (30 – 60HP: 120% OL, 75 – 125HP: 110%)	HP	40	50	60	75	100	125	
		kW	30	37	45	55	75	90	
Rated Output	Rated Capacity (kVA)		46.5	57.1	69.4	82	108.2	128.8	
	Rated Current(A)	3-Phase input	HD	41	55	67	81	106	136
			ND	61	75	91	107	142	169
		Single Phase input (ND)		36	39	47	55	73	86
	Output Frequency		0–400 Hz						
	Output Voltage (V)		3-Phase 380–480 V						
Rated Input	Working Voltage (V)	3-Phase	3-Phase 380–480 VAC (-15%–+10%)						
		1-Phase	1-Phase 480 VAC (-5%–+10%)						
	Input Frequency	3-Phase	50–60 Hz (±5%)						
		1-Phase	60 Hz (±5%)						
	Rated Current (A)		HD	46.7	52.3	64.5	78	100.9	134.1
			ND	69.1	69.3	84.6	100.1	133.6	160
Weight (lb)			16.5	57.3	77.2	77.2	94.8	94.8	

380 – 480V, 150 – 1000HP (110 – 750kW)

Model H100 XXXX-4 (PLUS)			1100	1320	1600	1850	2200	2500	3150	3550	4000	5000	7500	
Applied Motor	Heavy Duty (150% OL)		HP	125	150	200	250	250	300	400	450	500	650	900
			kW	90	110	132	160	185	220	250	315	355	400	600
	Normal Duty (110% OL)		HP	150	200	250	300	350	400	500	550	650	800	1000
			kW	110	132	160	185	220	250	315	355	400	500	750
Rated Output	Rated Capacity (kVA)			170	201	248	282	329	367	467	520	587	733	914
	Rated Current(A)	3-phase Input	HD	169	195	255	303	345	375	478	541	591	740	1090
			ND	223	264	325	370	432	481	613	683	770	962	1200
		Single Phase Input	ND	93	101	137	137	181	218	232	245	280	361	440
	Output Frequency			0-400 Hz										
	Output Voltage (V)			3-Phase 380-500 V										
Rated Input	Working Voltage (V)			3-Phase 380-500VAC (-15%+10%)										
	Input Frequency			50-60 Hz (±5%)										
	Rated Current (A)	HD	159.5	186.2	243.4	291	331.3	360.1	461.7	522.5	570.8	714.7	1075.1	
		ND	215.1	254.6	315.3	358.9	419.1	469.3	598.1	666.4	751.3	938.6	1183.6	
Weight (lb)				123.0	123.0	164.7	164.7	264.6	264.6	409.0	409.0	409.0	584.2	782.6

525 – 600V, 7.5 – 30HP (5.5 – 22kW)

Model H100 XXXX-5 (PLUS)			0055	0075	0110	0150	0185	0220
Applied Motor	Heavy Duty (150% OL)	HP	5	7.5	10	15	20	30
		kW	3.7	5.5	7.5	11	15	18.5
	Normal Duty (110% OL)	HP	7.5	10	15	20	25	30
		kW	5.5	7.5	11	15	18.5	22
Rated Output	Rated Capacity (kVA)		9.0	12.0	16.9	22.9	26.9	33.9
	Rated Current(A)	HD	6.6	9.0	12.0	17.0	23.0	27.0
		ND	9.0	12.0	17.0	23.0	27.0	34.0
	Output Frequency		0-120 Hz					
	Output Voltage (V)		3-Phase 575 V					
Rated Input	Working Voltage (V)		3-Phase 525-600 VAC (-15%~+10%)					
	Input Frequency		60 Hz (±5%)					
	Rated Current (A)	HD	6.5	8.9	12	17.2	23.5	27
		ND	8.0	10.7	15.3	20.9	25.0	30.8
Weight (lb)			20.9	21.2	21.9	22.1	22.4	31.5

525 – 600V, 40 – 125HP (30 – 90kW)

Model H100 XXXX-5 (PLUS)			0300	0370	0450	0550	0750	0900
Applied Motor	Heavy Duty (150% OL)	HP	30	40	50	60	75	100
		kW	22	30	37	45	55	75
	Normal Duty (110% OL)	HP	40	50	60	75	100	125
		kW	30	37	45	55	75	90
Rated Output	Rated Capacity (kVA)		42.8	54.8	63.7	79.7	103.6	127.48
	Rated Current(A)	HD	32.2	41.6	52	60	80	104
		ND	40.2	52.0	59.8	73.9	101.9	122.4
	Output Frequency		0-120 Hz					
	Output Voltage (V)		3-Phase 575 V					
Rated Input	Working Voltage (V)		3-Phase 525-600 VAC (-15%~+10%)					
	Input Frequency		60 Hz (±5%)					
	Rated Current (A)	HD	35.2	45	57	65	87	110
		ND	40.2	52.0	59.8	73.9	101.9	122.4
Weight (lb)			32.3	55.1	74.1	74.3	96.1	96.4

525-600V, 150-400HP (110 – 300kW)

Model H100 XXXX-5 (PLUS)			1100	1320	1600	2000	2500	3000
Applied Motor	Heavy Duty (150% OL)	HP	125	150	200	250	300	350
		kW	90	110	132	160	200	250
	Normal Duty (110% OL)	HP	150	200	250	300	350	400
		kW	110	132	160	200	250	300
Rated Output	Rated Capacity (kVA)		155	199	241	289	335	398
	Rated Current(A)	HD	128.0	156.0	200.0	242.0	290.0	336.0
		ND	156.0	200.0	242.0	290.0	336.0	400.0
	Output Frequency		0–120 Hz (V/Hz, Slip Comp.)					
	Output Voltage (V)		3-Phase 0–575 V					
Rated Input	Working Voltage (V)		3-Phase 525-600 VAC (-15%–+10%)					
	Input Frequency		60 Hz (±5%)					
	Rated Current (A)	HD	120.0	146.0	187.0	227.0	271.0	315.0
		ND	146.0	187.0	227.0	271.0	315.0	374.0
Weight (lb)			75	75	75	75	120	121

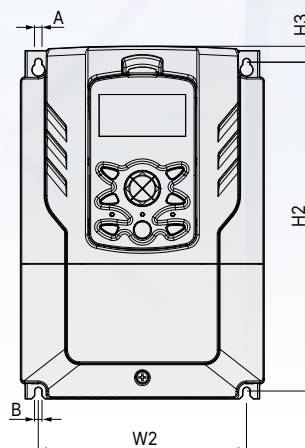
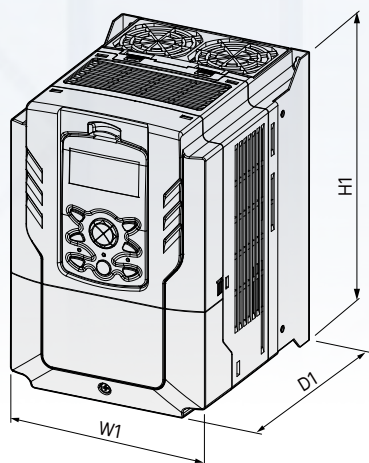
Product Details

Items		Description	
Control	Control Method	V/F control, Slip compensation.	
	Frequency Settings Power Resolution	Digital command: 0.01 Hz	
		Analog command: 0.06 Hz (60 Hz standard)	
	Frequency Accuracy	1% of maximum output frequency.	
	V/F Pattern	Linear, square reduction, user V/F.	
	Overload Capacity	0.75~90kW (200/400V)	Normal Duty 120% 1 min. Heavy Duty 150% 1 min.
		110~500kW (400V) 5.5~300kW (600V)	Normal Duty 110% 1 min. Heavy Duty 150% 1 min.
	Torque Boost	Manual torque boost, automatic torque boost.	
Operation	Operation Type		Select key pad, terminal strip, or communication operation.
	Frequency Settings		Analog type: -10~10 V, 0~10 V, 0~20 mA
			Digital type: key pad, pulse train input
	Operation Functions		PID control 3-wire operation Frequency limit Second function Anti-forward and reverse direction rotation Commercial transition Speed search Leakage reduction Up-down operation DC braking Frequency jump Slip compensation Automatic restart Automatic tuning Energy buffering Flux braking Energy Saving Power braking
	Input	Multi-function Terminal (7EA) P1-P7	Select PNP (Source) or NPN (Sink) mode. Functions can be set according to IN-65- IN-71 codes and parameter settings.
			Forward direction operation Reset Emergency stop Multi step speed frequency-high/med/low DC braking during stop 3-wire Select acc/dec/stop Frequency increase Reverse direction operation External trip Jog operation Multi step acc/dec-high/med/low Second motor selection Frequency reduction Fix analog command frequency Transition from PID to general operation Pre Heat Pump Cleaning RTC(Time Event) MMC Interlock
		Pulse Train	0~32 kHz, Low Level: 0~0.8 V, High Level: 3.5~12 V
	Output	Multi-functional Open Collector Terminal	Less than DC 26 V, 50 mA
		Fault Signal Relay Terminal	Fault output and inverter operation status output
		Multi-functional Relay Terminal	
		Analog Output	0~12 Vdc(0~20 mA): Select frequency, output current, output voltage, DC terminal voltage, and others.
		Pulse Train	Maximum 32 kHz, 0~12 V

Items		Description		
Protection Function	Trip	Over current trip External signal trip ARM short circuit current trip Over heat trip Input imaging trip Ground trip Motor over heat trip I/O board link trip No motor trip Parameter writing trip Emergency stop trip MMC Interlock trip PumpCleannig trip CPU watchdog trip	Over voltage trip Temperature sensor trip Inverter over heat Option trip Output imaging trip Inverter overload trip Fan trip Low voltage trip during operation Low voltage trip Analog input error Motor overload trip Pipe broken trip Keypad command lost trip Damper trip Level Detect trip External memory error Motor under load trip Command loss trip	
	Alarm	Command loss trip alarm, overload alarm, normal load alarm, inverter overload alarm, fan operation alarm, resistance braking rate alarm, Capacitor life alarm, Pump Clean alarm, Fire Mode Alarm, LDT Alarm.		
	Instantaneous Blackout	Less than 8 ms: Continue Operation (must be within the rated input voltage and rated output range) More than 8 ms: Auto restart operation		
Structure/ Working Environment	Cooling Type	Forced fan cooling structure		
	Protection Structure	IP 20(0.75~90kW-2, 0.75~185kW-4/5) IP 00(220~500kW-4, 250/300kW-5) UL Open & Enclosed Type 1 (option) (UL Enclosed Type 1 is satisfied by conduit installation option.) 5.5-30kW-5 products are basically equipped with Conduit.		
	Ambient Temperature	Nomal Duty	-10℃~50℃ (2.5% current derating is applied above 40℃) No ice or frost should be present. Working under normal load at 50	
		Heavy Duty	0.75~90kW	-10℃~50℃ without derating
			110~500kW	Same as Nomal Duty
	Ambient Humidity	Relative humidity less than 95% RH (to avoid condensation forming)		
	Storage Temperature	-20℃ - 65℃ (-4 ~149°F)		
	Surrounding Environment	Prevent contact with corrosive gases, inflammable gases, oil stains, dust, and other pollutants. (0.75~500kW Pollution Degree 2 Environment)		
	Operation Altitude	Maximum 3,280 ft (1,000m) above sea level for standard operation. After that the driver rated voltage and the rated output current derating by 1% for every extra 328 ft (100m) up to 13,123 ft (4,000m).		
	Operation Oscillation	Less than 1.0 G (9.8 m/sec ²).		
Pressure	70~106kPa			

Dimensions

IP20 Type

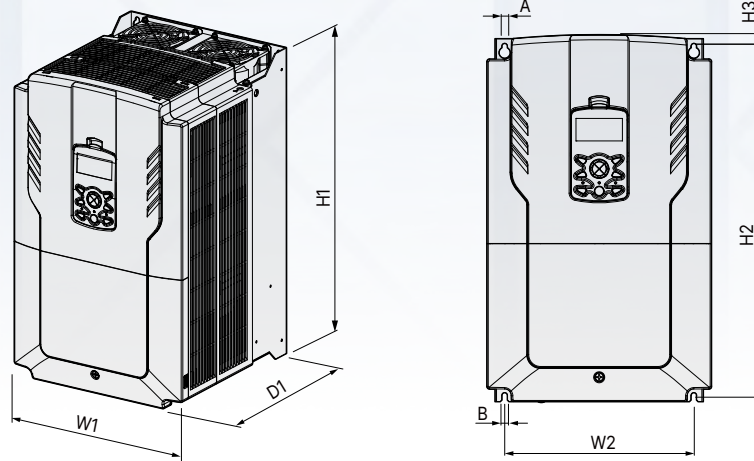


Unit: mm(inches)

Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200-240V	0008H100-2	160(6.3)	137(5.39)	232(9.13)	216.5(8.52)	10.5(0.41)	181(7.13)	5(0.2)	5(0.2)	3.3(7.3)
	0015H100-2									
	0022H100-2									
	0037H100-2									
	0055H100-2									
	0075H100-2									
	0110H100-2									
3-Phase 380-480V	0008H100-4									3.4(7.5)
	0015H100-4									
	0022H100-4									
	0037H100-4									
	0055H100-4									
	0075H100-4									
	0110H100-4									

Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200-240V	0150H100-2	180(7.09)	157(6.18)	290(11.42)	273.7(10.78)	11.3(0.45)	205.3(8.08)	5(0.2)	5(0.2)	4.6(10.1)
3-Phase 380-480V	0150H100-4									4.8(10.6)
	0185H100-4									

Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200-240V	0185H100-2	220(8.66)	193.8(7.63)	350(13.78)	331(13.03)	13(0.51)	223.2(8.79)	6(0.24)	6(0.24)	7.1(15.7)
3-Phase 380-480V	0220H100-4									7.5(16.5)
	0300H100-4									



Unit: mm(inches)

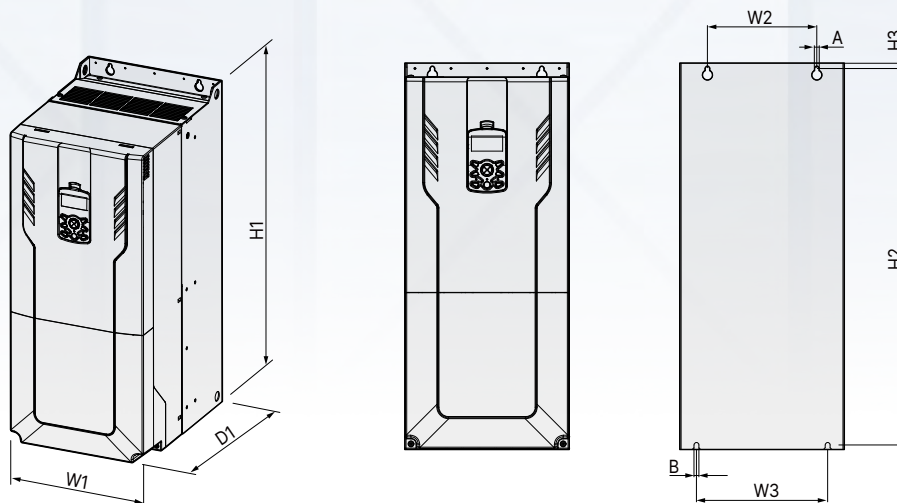
Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200~240V	0220H100-2	275(10.83)	232(9.13)	450(17.72)	428.5(16.87)	14(0.55)	284(11.18)	7(0.28)	7(0.28)	25.3(55.8)
3-Phase 380~480V	0370H100-4									26(57.3)
3-Phase 575V	0370H100-5									25(55.1)

Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200-240V	0300H100-2	325(12.81)	282(11.1)	510(20.08)	486.5(19.15)	16(0.63)	284(11.18)	7(0.28)	7(0.28)	32.9(72.5)
3-Phase 380-480V	0450H100-4									35(77.2)
	0550H100-4									33.6(74.1)
3-Phase 575V	0450H100-5									33.7(74.3)
	0550H100-5									

Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200-240V	0370H100-2	325(12.81)	275(10.84)	550(21.65)	524.5(20.65)	16(0.63)	309(12.17)	9(0.35)	9(0.35)	39.2(86.4)
	0450H100-2									41.1(90.6)
3-Phase 380-480V	0750H100-4									43(94.8)
	0900H100-4									
3-Phase 575V	0750H100-5									43.6(96.1)
	0900H100-5									43.7(96.4)

Dimensions

IP20 Type

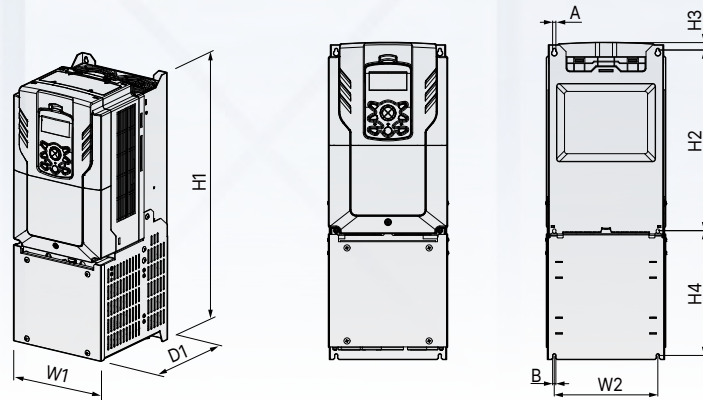


Unit:mm(inches)

Product (Model)		W1	W2	W3	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200-240V	0550H100-2	300(11.81)	200(7.87)	240(9.45)	706(27.8)	688.5(27.11)	9.5(0.37)	386(15.21)	9(0.35)	9(0.35)	53.6(118.2)
	0750H100-2										55.3(121.9)
3-Phase 380-480V	1100H100-4										55.8(123)
	1320H100-4										

Product (Model)		W1	W2	W3	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 200-240V	0900H100-2	380(14.96)	300(11.81)	300(11.81)	705(27.76)	685.5 (26.99)	9.5(0.37)	396(15.59)	9(0.35)	9(0.35)	72.2(159.2)
3-Phase 380-480V	1600H100-4										74.7(164.7)
	1850H100-4										75(165.35)
3-Phase 575V	1100H100-5										
	1320H100-5										
	1600H100-5										
	2000H100-5										

IP20/UL Enclosed type 1 (Default) ¹⁾

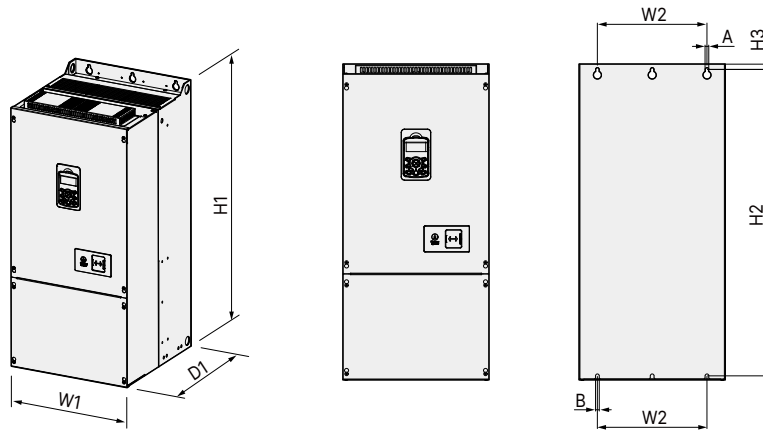


Unit:mm(inches)

Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 575V	0055H100-5	180(7.09)	137(6.18)	480(18.9)	273.7(10.78)	11.3(0.45)	205.3(8.08)	5(0.2)	5(0.2)	9.5(20.9)
	0075H100-5									9.6(21.2)
	0110H100-5									9.9(21.9)
	0150H100-5									10(22.1)
	0185H100-5									10.2(22.4)
	0220H100-5	220.8(8.69)	193.8(7.63)	550(21.65)	331(13.03)	13(0.51)	223.2(8.79)	6(0.24)	6(0.24)	14.3(31.5)
	0300H100-5									5(0.2)

¹⁾ The frame is inclusive of a conduit box with built-in DC reactor, that comes as standard

IP00 Type

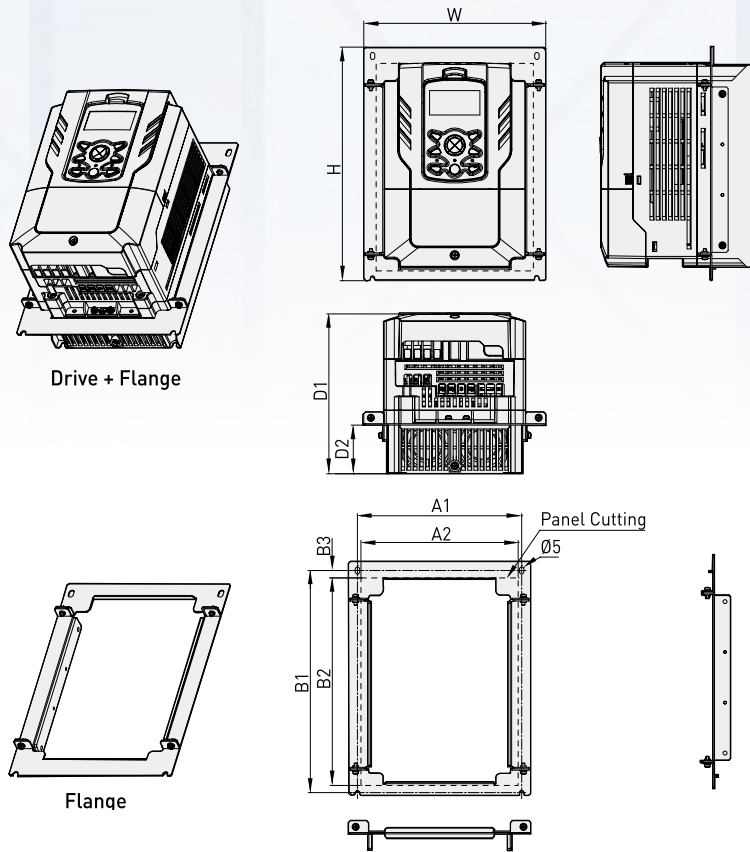


Unit:mm(inches)

Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 380~480V	2200H100-4	426(16.77)	320(12.6)	922.3(36.31)	895.5(35.26)	15.5(0.61)	440(17.32)	11(0.43)	11(0.43)	120(264.6)
	2500H100-4									
3-Phase 575V	2500H100-5	426(16.77)	320(12.6)	922.3(36.31)	895.5(35.26)	15.5(0.61)	440(17.32)	11(0.43)	11(0.43)	121(266.8)
	3000H100-5									
Product (Model)		W1	W2	H1	H2	H3	D1	A	B	kg (lb)
3-Phase 380~480V	3150H100-4	600(23.62)	420(16.54)	1000(39.37)	972(38.27)	15(0.59)	500(19.69)	14(0.55)	14(0.55)	185.5(409)
	3550H100-4									
	4000H100-4									
	5000H100-4	776(30.55)	500(19.69)	1054(41.45)	1021(40.2)	20(0.79)	500(19.69)	14(0.55)	14(0.55)	265(584.2)
	7500H100-4	776(30.55)	660(25.98)	1300(51.18)	1267(49.88)	20(0.79)	500(19.69)	14(0.55)	14(0.55)	355(782.6)

Dimensions

Flange

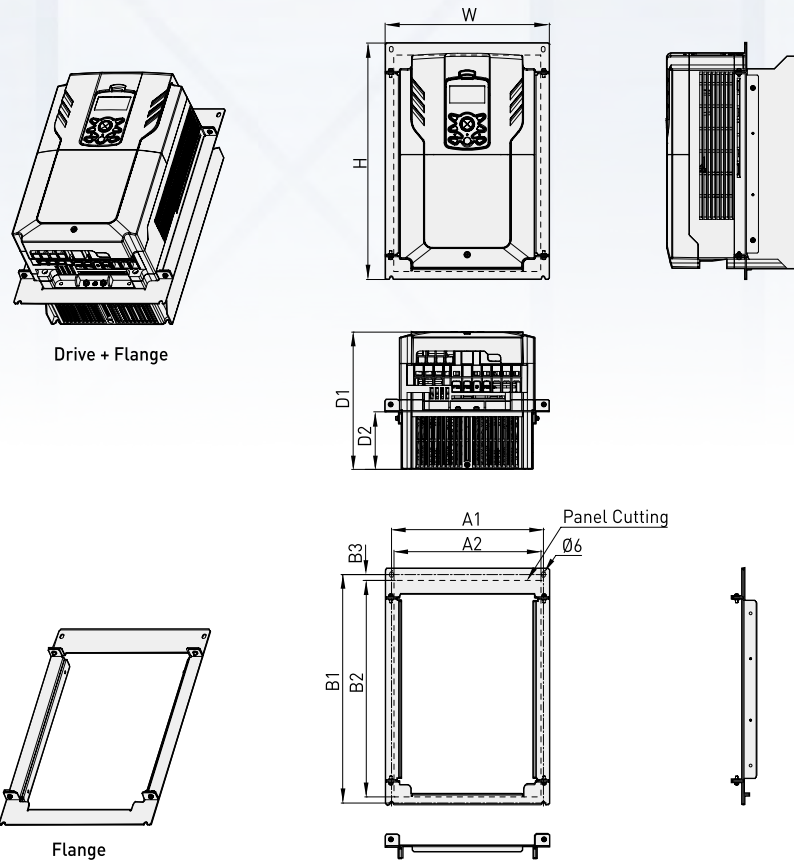


Unit: mm(inches)

Product (Model)		W	H	D1	D2	A1	A2	B1	B2	B3	kg (lb)
3-Phase 200~240V	LSLV0008H100-2 (PLUS)	206(8.11)	264.5(10.41)	181(7.13)	55.1(2.17)	186(7.32)	178(7.01)	251.5(9.90)	235(9.25)	8.4(0.33)	3.7(8.2)
	LSLV0015H100-2 (PLUS)										
	LSLV0022H100-2 (PLUS)										
	LSLV0037H100-2 (PLUS)										
	LSLV0055H100-2 (PLUS)										
	LSLV0075H100-2 (PLUS)										
	LSLV0110H100-2 (PLUS)										
3-Phase 380~480V	LSLV0008H100-4 (PLUS)	206(8.11)	264.5(10.41)	181(7.13)	55.1(2.17)	186(7.32)	178(7.01)	251.5(9.90)	235(9.25)	8.4(0.33)	3.8(8.4)
	LSLV0015H100-4 (PLUS)										
	LSLV0022H100-4 (PLUS)										
	LSLV0037H100-4 (PLUS)										
	LSLV0055H100-4 (PLUS)										
	LSLV0075H100-4 (PLUS)										
	LSLV0110H100-4 (PLUS)										

Unit: mm(inches)

Product (Model)		W	H	D1	D2	A1	A2	B1	B2	B3	kg (lb)
3-Phase 200~240V	LSLV0150H100-2 (PLUS)	225.2(8.87)	322.7(12.70)	205.3(8.08)	72.1(2.84)	205.2(8.08)	197.5(7.78)	309.7(12.19)	292.5(11.52)	9.3(0.34)	5.2(11.5)
3-Phase 380~480V	LSLV0150H100-4 (PLUS)										5.4(11.9)
	LSLV0185H100-4 (PLUS)										

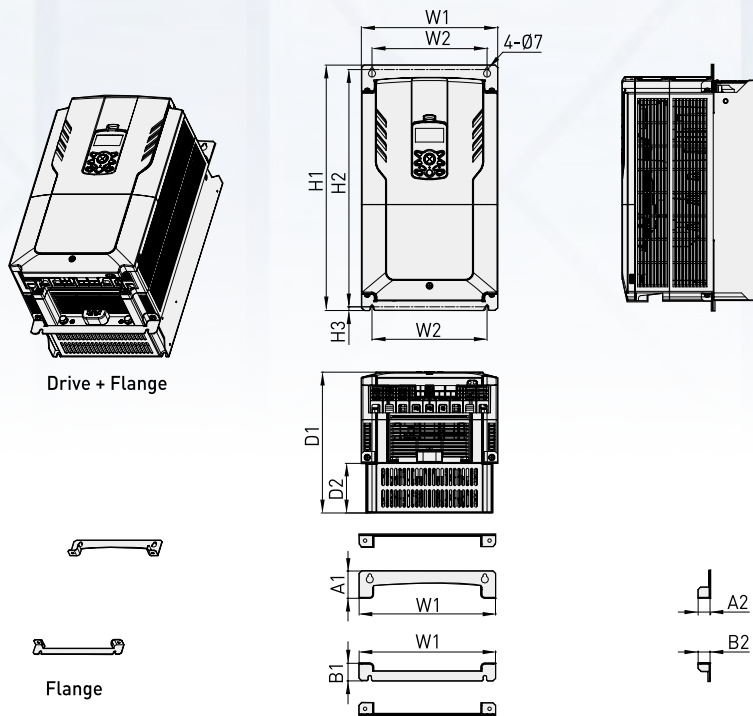


Unit: mm(inches)

Product (Model)		W	H	D1	D2	A1	A2	B1	B2	B3	kg (lb)
3-Phase 200~240V	LSLV0185H100-2 (PLUS)	267(10.51)	384.5(15.14)	223.2(8.79)	93.6(3.69)	247(9.72)	239(9.41)	371.5(14.63)	352(13.86)	9.5(0.37)	7.9(17.4)
	LSLV0220H100-4 (PLUS)										8.3(18.3)
3-Phase 380~480V	LSLV0300H100-4 (PLUS)										

Dimensions

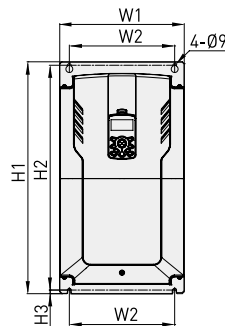
Flange



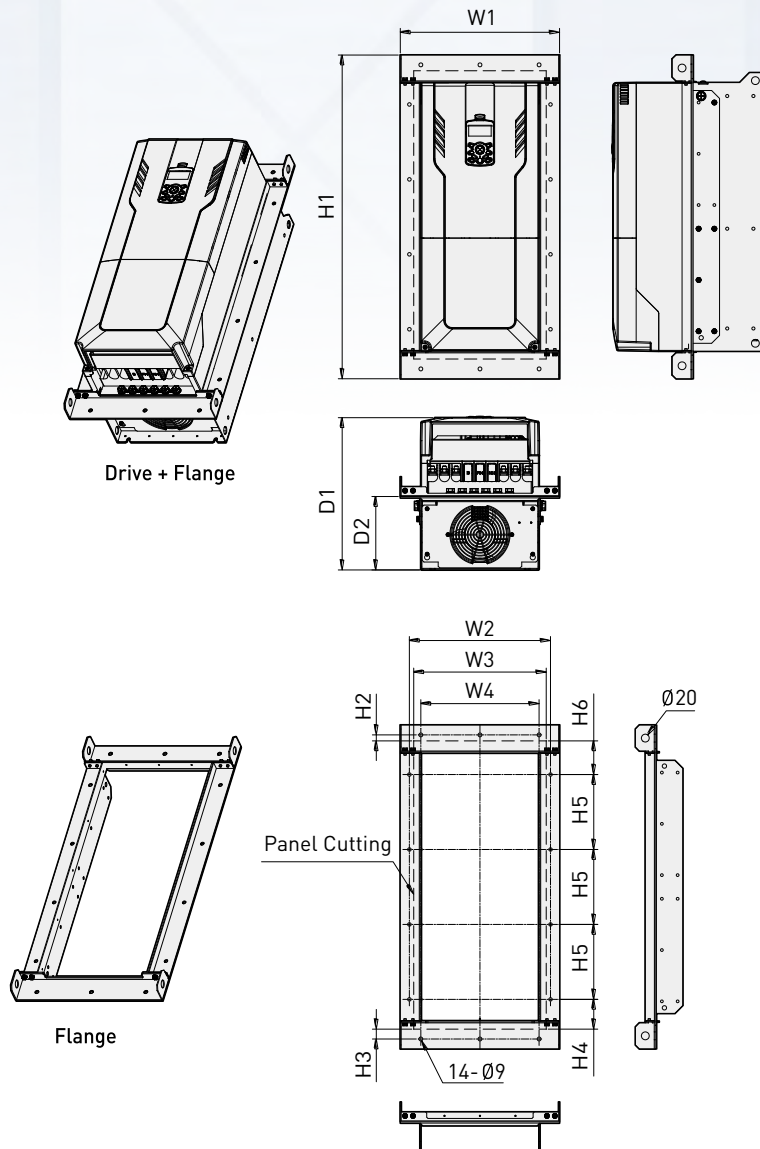
Unit:mm(inches)

Product (Model)		W1	W2	H1	H2	H3	D1	D2	A1	A2	B1	B2	kg (lb)
3-Phase 200~240V	LSLV0220H100-2(PLUS)	275	232	495	478.5	7.5	284	100	55	24	35.5	24	25.7(56.7)
3-Phase 380~480V	LSLV0370H100-4(PLUS)	(10.83)	(9.13)	(19.49)	(18.84)	(0.30)	(11.18)	(3.94)	(2.17)	(0.98)	(1.40)	(0.98)	26.4(58.2)
3-Phase 575V	LSLV0370H100-5(PLUS)												25.4(56.0)

Product (Model)		W1	W2	H1	H2	H3	D1	D2	A1	A2	B1	B2	kg (lb)
3-Phase 200~240V	LSLV0300H100-2(PLUS)												33.3(73.4)
3-Phase 380~480V	LSLV0450H100-4(PLUS)	325	282	555.5	539	7.5	284	100	57.5	24	35.5	24	35.4(78.0)
	LSLV0550H100-4(PLUS)												34.0(75.0)
3-Phase 575V	LSLV0450H100-5(PLUS)												34.1(75.1)
	LSLV0550H100-5(PLUS)												34.1(75.1)



Product (Model)		W1	W2	H1	H2	H3	D1	D2	A1	A2	B1	B2	kg (lb)
3-Phase 200~240V	LSLV0370H100-2(PLUS)	325	275	605.5	587	9.5	309	130	68.5	24	46.5	24	39.7(87.5)
	LSLV0450H100-2(PLUS)												41.6(91.7)
3-Phase 380~480V	LSLV0750H100-4(PLUS)												43.4(95.7)
	LSLV0900H100-4(PLUS)												44.1(97.2)
3-Phase 575V	LSLV0750H100-5(PLUS)												44.2(97.5)
	LSLV0900H100-5(PLUS)												44.2(97.5)

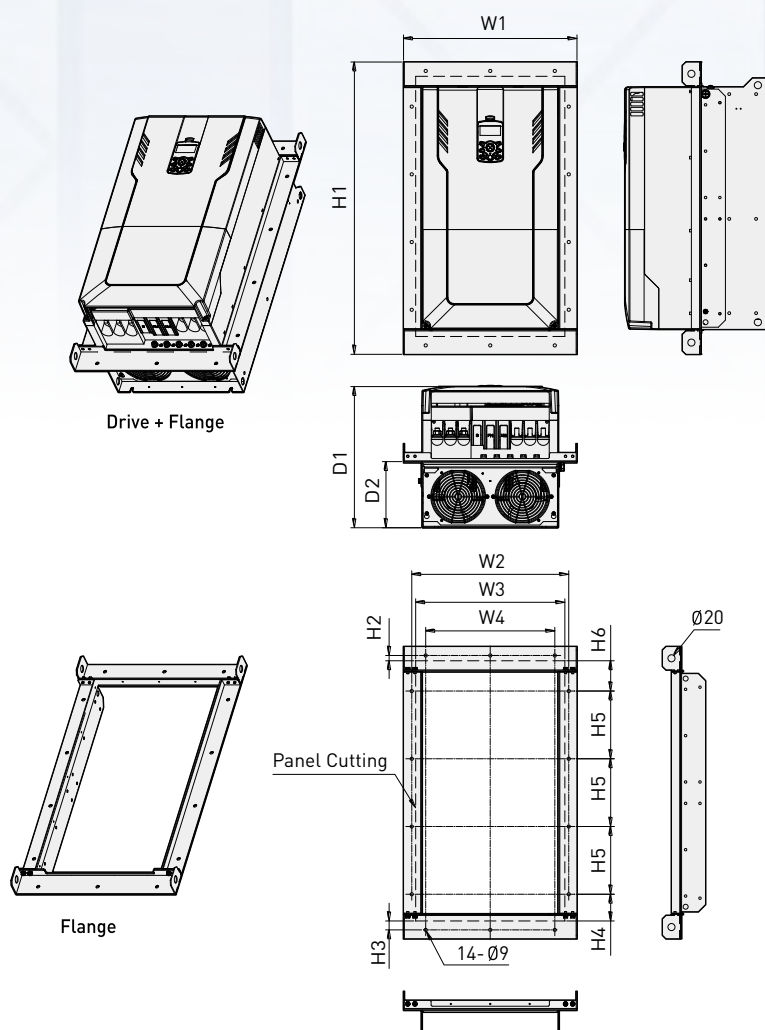


Unit:mm(inches)

Product (Model)		W1	W2	W3	W4	H1	H2	H3	H4	H5	H6	D1	D2	kg (lb)
3-Phase 200~240V	LSLV0550H100-2[PLUS]	404 (15.90)	358 (14.09)	336 (13.23)	300 (11.81)	821 (32.32)	15 (0.59)	25 (0.98)	75.5 (2.97)	190 (7.48)	85.5 (3.37)	386 (15.20)	186 (7.32)	59.4(130.95)
	LSLV0750H100-2[PLUS]													61.6(135.80)
3-Phase 380~480V	LSLV1100H100-4[PLUS]													62(136.69)
	LSLV1320H100-4[PLUS]													

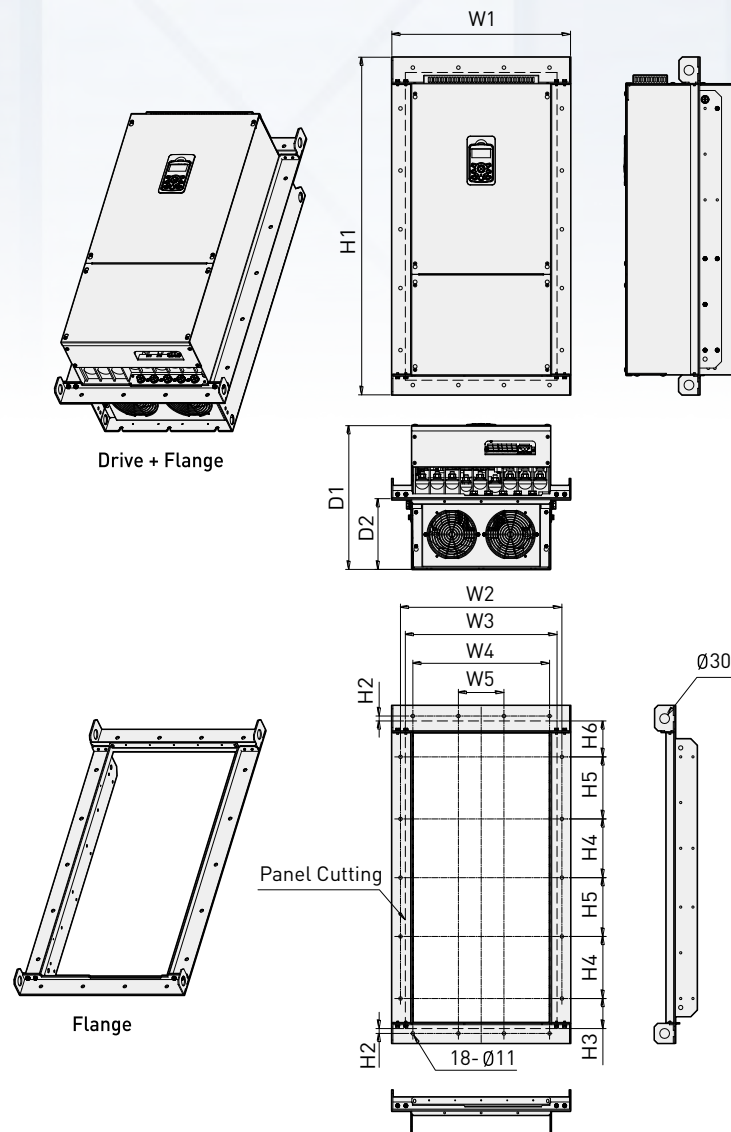
Dimensions

Flange



Unit: mm(inches)

Product (Model)		W1	W2	W3	W4	H1	H2	H3	H4	H5	H6	D1	D2	kg (lb)
3-Phase 200~240V	LSLV0900H100-2[PLUS]	484 (19.06)	438 (17.24)	416 (16.38)	360 (14.17)	820 (32.28)	15 (0.59)	25 (0.98)	75 (2.95)	190 (7.48)	85 (3.35)	396 (15.59)	185.5 (7.30)	78.5(173.06)
	LSLV1600H100-4[PLUS]													81(178.57)
	LSLV1850H100-4[PLUS]													
3-Phase 575V	LSLV1100H100-5[PLUS]													
	LSLV1320H100-5[PLUS]													
	LSLV1600H100-5[PLUS]													
	LSLV2000H100-5[PLUS]													

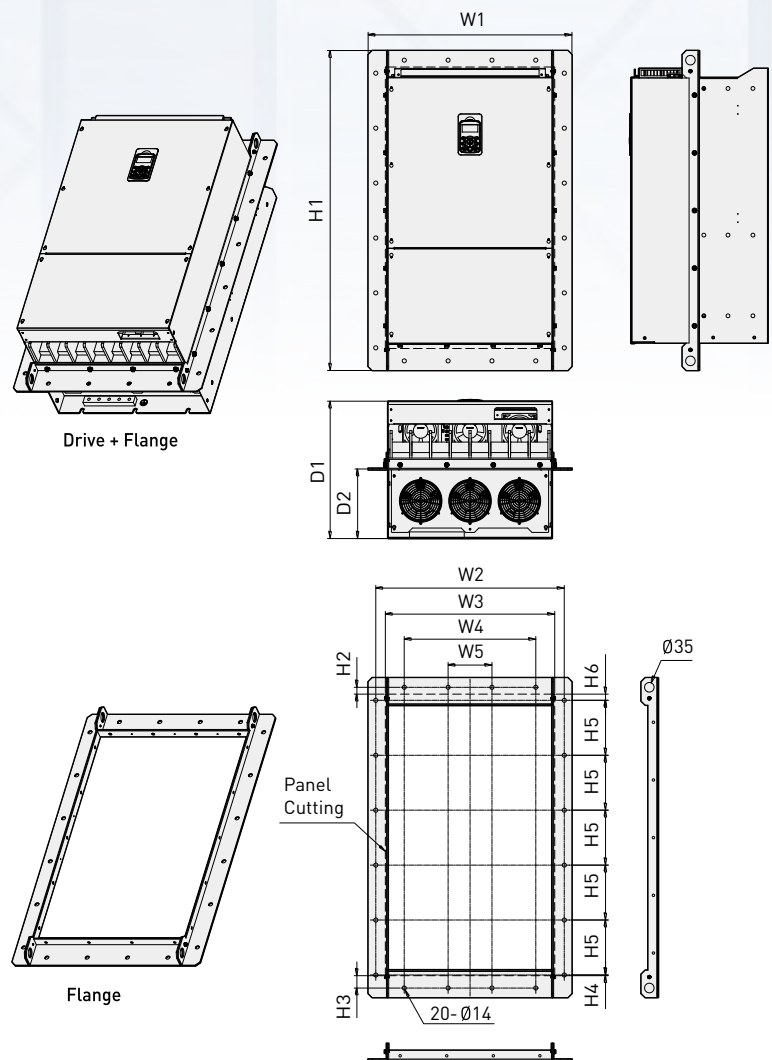


Unit: mm(inches)

Product (Model)		W1	W2	W3	W4	W5	H1	H2	H3	H4	H5	H6	D1	D2	kg (lb)
3-Phase 380~480V	LSLV2200H100-4[PLUS]	549 (21.61)	496 (19.53)	466 (18.35)	420 (16.54)	140 (5.51)	1034 (40.70)	15 (0.59)	92 (3.62)	190 (7.48)	180 (7.09)	110 (4.33)	440 (17.32)	216.5 (8.52)	129.4 (285.28)
	LSLV2500H100-4[PLUS]														
3-Phase 575V	LSLV2500H100-5[PLUS]	549 (21.61)	496 (19.53)	466 (18.35)	420 (16.54)	140 (5.51)	1034 (40.70)	15 (0.59)	92 (3.62)	190 (7.48)	180 (7.09)	110 (4.33)	440 (17.32)	216.5 (8.52)	129.4 (285.28)
	LSLV3000H100-5[PLUS]														

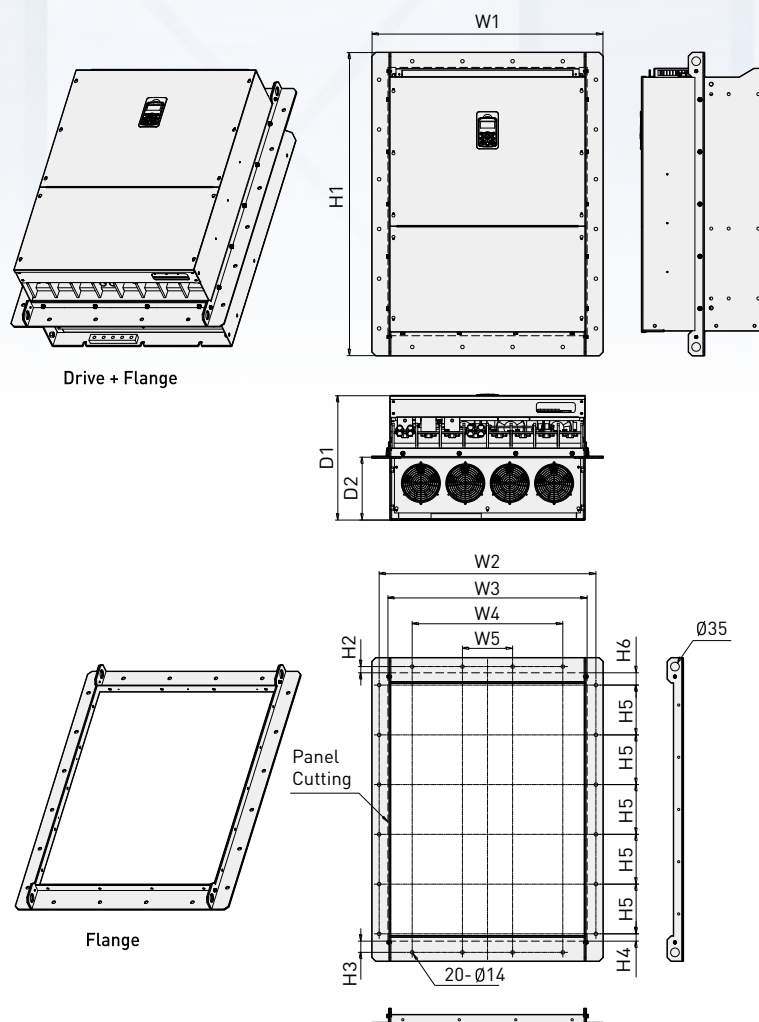
Dimensions

Flange



Unit:mm(inches)

Product (Model)		W1	W2	W3	W4	W5	H1	H2	H3	H4	H5	H6	D1	D2	kg (lb)
3-Phase 380~480V	LSLV3150H100-4[PLUS]														
	LSLV3550H100-4[PLUS]	744 (29.29)	688 (27.09)	618 (24.33)	480 (18.90)	160 (6.30)	1165 (45.87)	25 (0.98)	45 (1.77)	2.5 (0.10)	200 (7.87)	22.5 (0.92)	500 (19.69)	253 (9.96)	198 (436.51)
	LSLV4000H100-4[PLUS]														

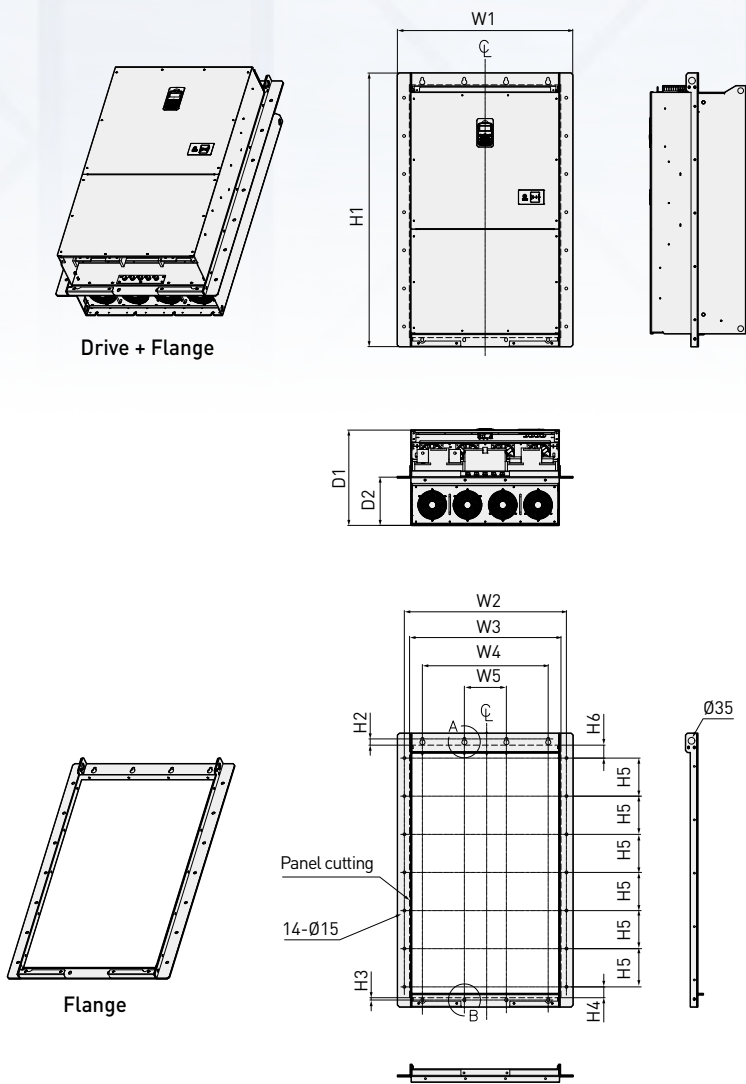


Unit:mm(inches)

Product (Model)		W1	W2	W3	W4	W5	H1	H2	H3	H4	H5	H6	D1	D2	kg (lb)
3-Phase 380~480V	LSLV5000H100-4[PLUS]	920 (36.22)	864 (34.02)	794 (31.26)	600 (23.62)	200 (7.87)	1219 (47.99)	25 (1.00)	45 (1.77)	29.5 (1.16)	200 (7.87)	49.5 (1.95)	500 (19.69)	253 (9.96)	278.4 (613.77)

Dimensions

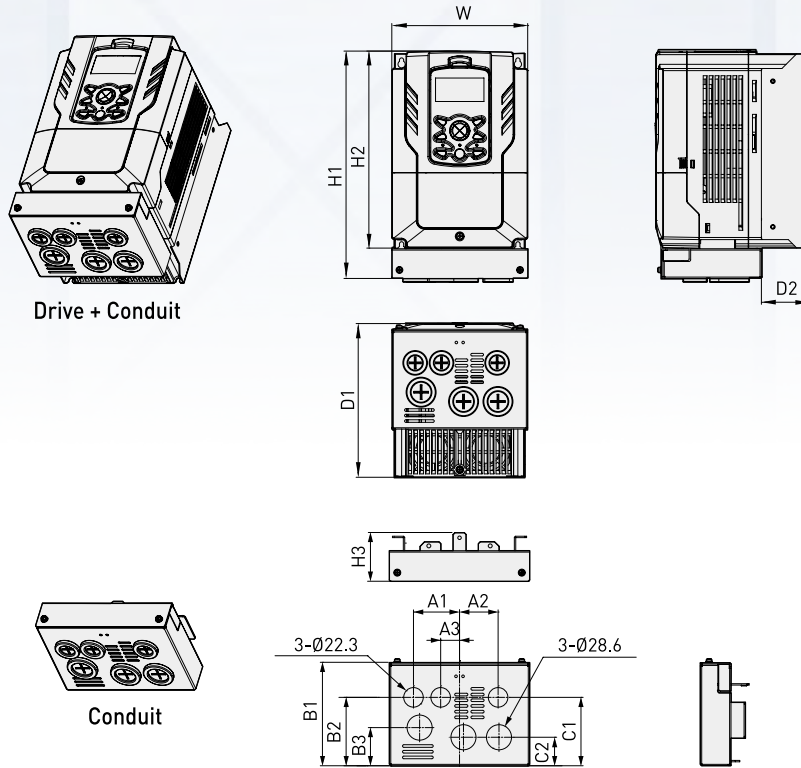
Flange



Unit:mm(inches)

Product (Model)		W1	W2	W3	W4	W5	H1	H2	H3	H4	H5	H6	D1	D2	kg (lb)
3-Phase 380~480V	LSLV7500H100-4 (PLUS)	920 [36.22]	850 [33.46]	794 [31.26]	660 [25.98]	220 [8.66]	1435 [56.50]	32 [1.26]	12 [0.47]	57 [2.24]	200 [7.87]	68 [2.68]	500 [19.69]	253 [9.96]	368.1 [811.5]

Conduit

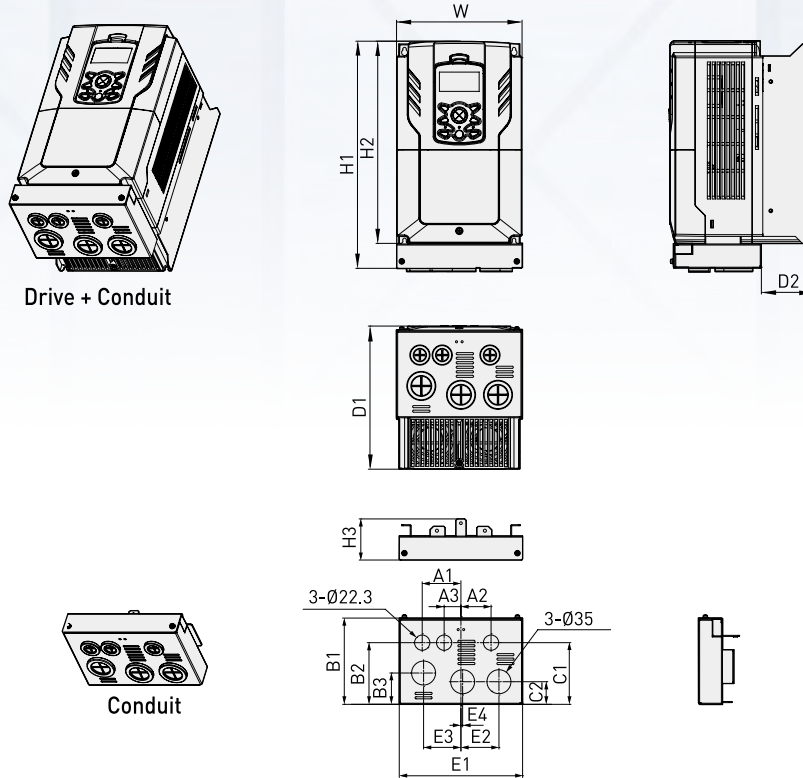


Unit: mm(inches)

Product [Model]		W	H1	H2	H3	D1	D2	A1	A2	A3	B1	B2	B3	C1	C2	kg (lb)
3-Phase 200~240V	LSLV0008H100-2 (PLUS)	160 (6.30)	267.8 (10.54)	232 (9.13)	55.6 (2.19)	181 (7.13)	56.7 (2.23)	52.5 (2.07)	44 (1.73)	21.5 (0.85)	117.6 (4.63)	78 (3.07)	43.5 (1.71)	78 (3.07)	32.5 (1.28)	3.9 (8.6)
	LSLV0015H100-2 (PLUS)															
	LSLV0022H100-2 (PLUS)															
	LSLV0037H100-2 (PLUS)															
	LSLV0055H100-2 (PLUS)															
	LSLV0075H100-2 (PLUS)															
	LSLV0110H100-2 (PLUS)															
3-Phase 380~480V	LSLV0008H100-4 (PLUS)	160 (6.30)	267.8 (10.54)	232 (9.13)	55.6 (2.19)	181 (7.13)	56.7 (2.23)	52.5 (2.07)	44 (1.73)	21.5 (0.85)	117.6 (4.63)	78 (3.07)	43.5 (1.71)	78 (3.07)	32.5 (1.28)	3.9 (8.6)
	LSLV0015H100-4 (PLUS)															
	LSLV0022H100-4 (PLUS)															
	LSLV0037H100-4 (PLUS)															
	LSLV0055H100-4 (PLUS)															
	LSLV0075H100-4 (PLUS)															
	LSLV0110H100-4 (PLUS)															4.0(8.8)

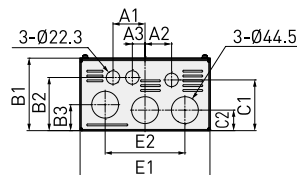
Dimensions

Conduit



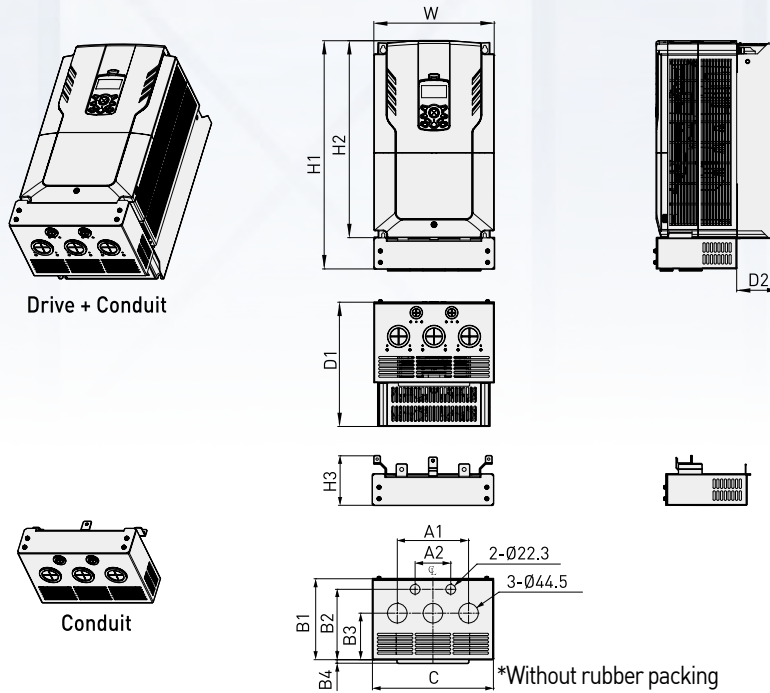
Unit:mm(inches)

Product (Model)		W	H1	H2	H3	D1	D2	A1	A2	A3	B1	B2	B3	C1	C2	E1	E2	E3	E4	kg (lb)
3-Phase 200~240V	LSLV0150H100-2 (PLUS)																			5.2 (11.5)
3-Phase 380~480V	LSLV0150H100-4 (PLUS)	180 (7.09)	325.8 (12.83)	290 (11.42)	60 (2.36)	205.3 (8.08)	73.7 (2.90)	56.5 (2.22)	44 (1.73)	24.5 (0.96)	125.9 (4.96)	90 (3.54)	45.7 (1.80)	90 (3.54)	33 (1.30)	180 (7.09)	55.5 (2.19)	54.5 (2.15)	2.5 (0.10)	5.4 (11.9)
	LSLV0185H100-4 (PLUS)																			



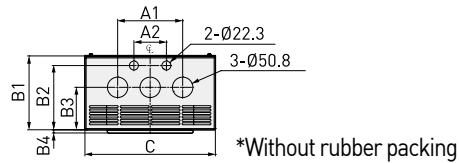
Unit:mm(inches)

Product (Model)		W	H1	H2	H3	D1	D2	A1	A2	A3	B1	B2	B3	C1	C2	E1	E2	kg (lb)
3-Phase 200~240V	LSLV0185H100-2 (PLUS)																	8.1 (17.9)
3-Phase 380~480V	LSLV0220H100-4 (PLUS)	220 (8.66)	382.5 (15.06)	350 (13.78)	64 (2.52)	223.2 (8.79)	96.4 (3.80)	53 (2.09)	44 (1.73)	21 (0.83)	120 (4.72)	88 (3.46)	43 (1.69)	84 (3.31)	34 (1.34)	215 (8.46)	132 (5.20)	8.5 (18.7)
	LSLV0300H100-4 (PLUS)																	

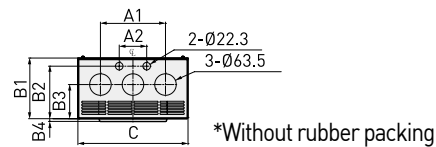


Unit: mm(inches)

Product (Model)		W	H1	H2	H3	D1	D2	A1	A2	B1	B2	B3	B4	C	kg (lb)
3-Phase 200~240V	LSLV0220H100-2(PLUS)	275	521.5	450	112.5	284	100	162	81	184	160	105.8	8	275	28(61.7)
3-Phase 380~480V	LSLV0370H100-4(PLUS)	275	521.5	450	112.5	284	100	162	81	184	160	105.8	8	275	28.7(63.3)
3-Phase 575V	LSLV0370H100-5(PLUS)	275	521.5	450	112.5	284	100	162	81	184	160	105.8	8	275	27.7(61)



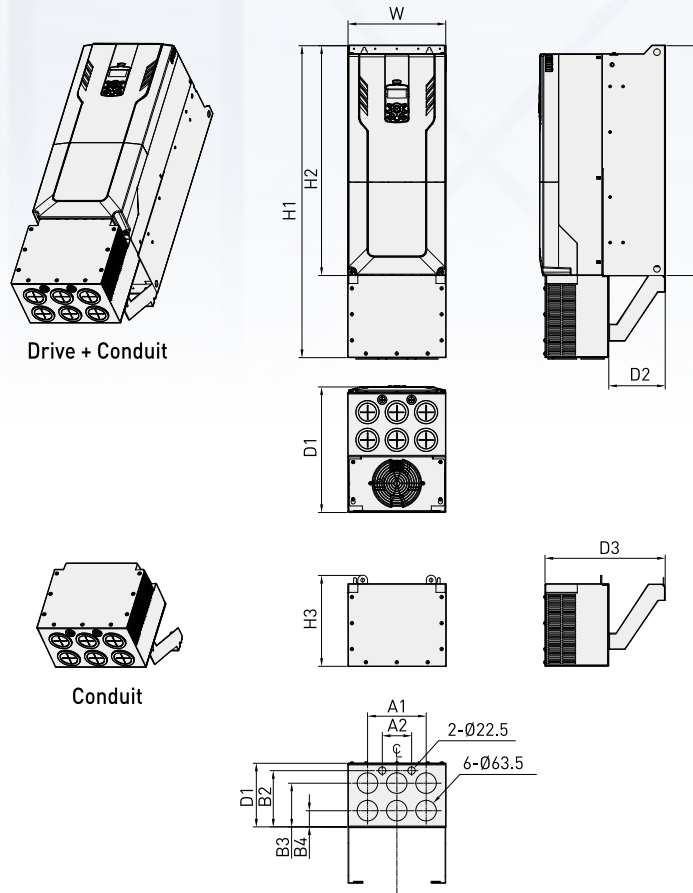
Product (Model)		W	H1	H2	H3	D1	D2	A1	A2	B1	B2	B3	B4	C	kg (lb)
3-Phase 200~240V	LSLV0300H100-2(PLUS)	325	600.5	510	134	284	100	162	81	184	160	105.8	8	325	36.3(80)
3-Phase 380~480V	LSLV0450H100-4(PLUS)	325	600.5	510	134	284	100	162	81	184	160	105.8	8	325	38.4(84.7)
	LSLV0550H100-4(PLUS)	325	600.5	510	134	284	100	162	81	184	160	105.8	8	325	37(81.6)
3-Phase 575V	LSLV0450H100-5(PLUS)	325	600.5	510	134	284	100	162	81	184	160	105.8	8	325	37.1(81.8)
	LSLV0550H100-5(PLUS)	325	600.5	510	134	284	100	162	81	184	160	105.8	8	325	37.1(81.8)



Product (Model)		W	H1	H2	H3	D1	D2	A1	A2	B1	B2	B3	B4	C	kg (lb)
3-Phase 200~240V	LSLV0370H100-2(PLUS)	325	685.5	550	183	309	130	192	81	179	155	100.75	8	325	43.4(95.7)
	LSLV0450H100-2(PLUS)	325	685.5	550	183	309	130	192	81	179	155	100.75	8	325	45.3(100)
3-Phase 380~480V	LSLV0750H100-4(PLUS)	325	685.5	550	183	309	130	192	81	179	155	100.75	8	325	47.2(104.1)
	LSLV0900H100-4(PLUS)	325	685.5	550	183	309	130	192	81	179	155	100.75	8	325	47.8(105.4)
3-Phase 575V	LSLV0750H100-5(PLUS)	325	685.5	550	183	309	130	192	81	179	155	100.75	8	325	47.9(105.6)
	LSLV0900H100-5(PLUS)	325	685.5	550	183	309	130	192	81	179	155	100.75	8	325	47.9(105.6)

Dimensions

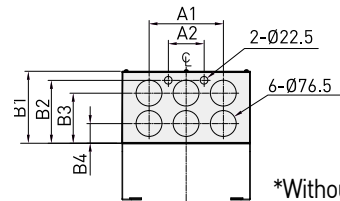
Conduit



*Without rubber packing

Unit:mm(inches)

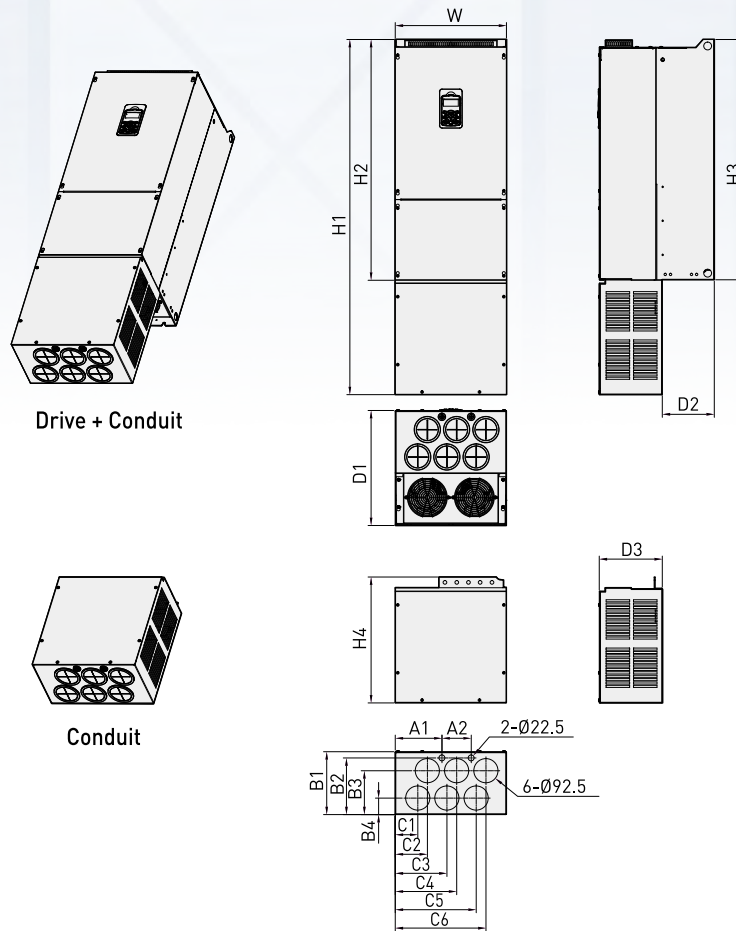
Product (Model)		W	H1	H2	H3	D1	D2	D3	A1	A2	B1	B2	B3	B4	kg (lb)
3-Phase 200~240V	LSLV0550H100-2(PLUS)	300 (11.81)	958.5 (37.74)	706 (27.80)	279.5 (11.00)	386 (15.20)	173 (6.81)	369 (14.53)	180 (7.09)	90 (3.54)	196 (7.72)	173 (6.81)	135 (5.31)	50 (1.97)	60.1(132.5)
	LSLV0750H100-2(PLUS)														61.8(136.2)
3-Phase 380~480V	LSLV1100H100-4(PLUS)	300 (11.81)	958.5 (37.74)	706 (27.80)	279.5 (11.00)	386 (15.20)	173 (6.81)	369 (14.53)	180 (7.09)	90 (3.54)	196 (7.72)	173 (6.81)	135 (5.31)	50 (1.97)	62.3(137.3)
	LSLV1320H100-4(PLUS)														62.3(137.3)



*Without rubber packing

Unit:mm(inches)

Product (Model)		W	H1	H2	H3	D1	D2	D3	A1	A2	B1	B2	B3	B4	kg (lb)
3-Phase 200~240V	LSLV0900H100-2(PLUS)	380 (14.96)	985 (38.78)	705 (27.76)	308 (12.13)	396 (15.59)	168 (6.61)	381 (15.00)	220 (8.66)	106 (4.17)	213 (8.39)	186 (7.32)	148 (5.83)	58 (2.28)	78.7(173.5)
	LSLV1600H100-4(PLUS)														81.2(179)
3-Phase 380~480V	LSLV1850H100-4(PLUS)	380 (14.96)	985 (38.78)	705 (27.76)	308 (12.13)	396 (15.59)	168 (6.61)	381 (15.00)	220 (8.66)	106 (4.17)	213 (8.39)	186 (7.32)	148 (5.83)	58 (2.28)	81.2(179)



Unit:mm(inches)

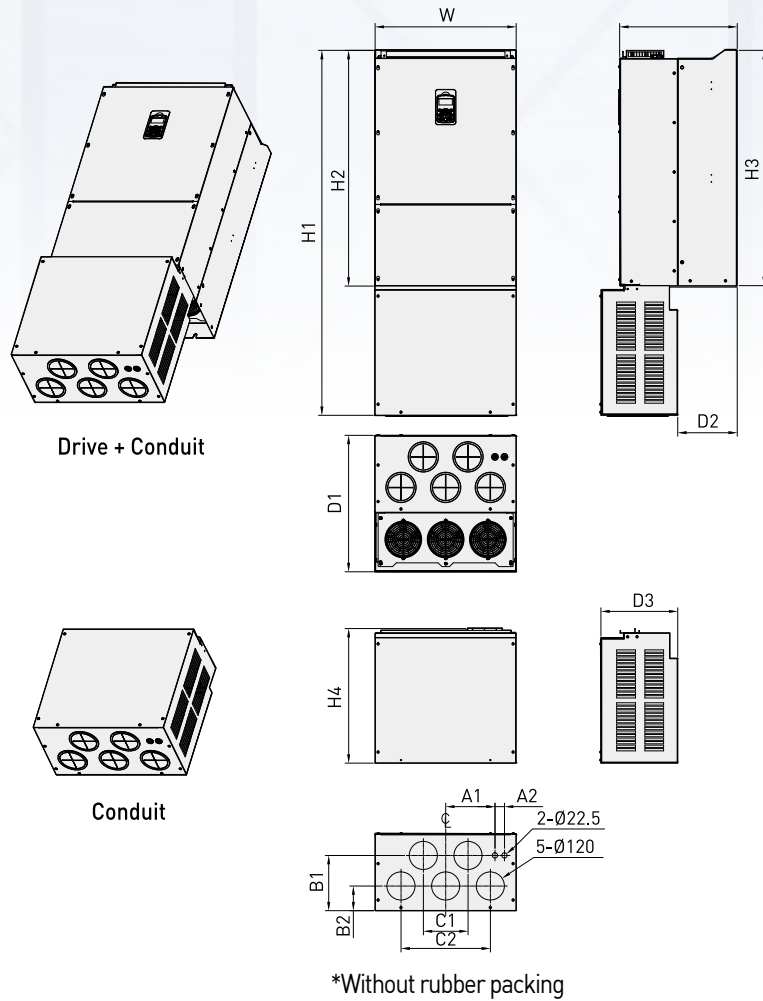
Product (Model)		W	H1	H2	H3	H4	D1	D2	D3	A1	A2
3-Phase 380~480V	LSLV2200H100-4 (PLUS)	426 (16.77)	1360.3 (53.56)	922.3 (36.31)	920 (36.22)	482 (18.98)	440 (17.32)	199 (7.83)	241 (9.49)	179 (7.05)	112 (4.41)
	LSLV2500H100-4 (PLUS)										

Unit:mm(inches)

Product (Model)		B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	kg (lb)
3-Phase 380~480V	LSLV2200H100-4 (PLUS)	241 (9.49)	217 (8.54)	168 (6.61)	63 (2.48)	86 (3.39)	123 (4.84)	198 (7.80)	235 (9.25)	310 (12.20)	347 (13.66)	130.5 (287.7)
	LSLV2500H100-4 (PLUS)											

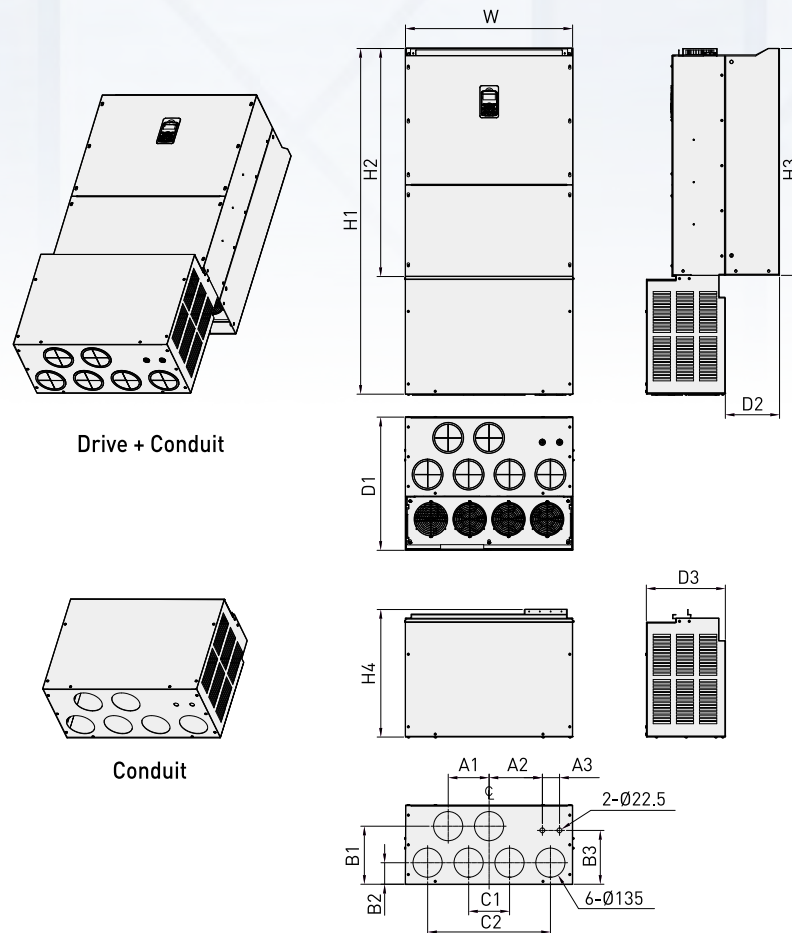
Dimensions

Conduit



Unit:mm(inches)

Product (Model)		W	H1	H2	H3	H4	D1	D2	D3	A1	A2	B1	B2	C1	C2	kg (lb)
3-Phase 380~480V	LSLV3150H100-4 (PLUS)	600 (23.62)	1552 (61.10)	1002 (39.45)	1000 (39.37)	572.5 (22.54)	580 (22.83)	253 (9.96)	327 (12.87)	210 (8.27)	40 (1.57)	235 (9.25)	105 (4.13)	190 (7.48)	380 (14.96)	205.7 (453.5)
	LSLV3550H100-4 (PLUS)															
	LSLV4000H100-4 (PLUS)															



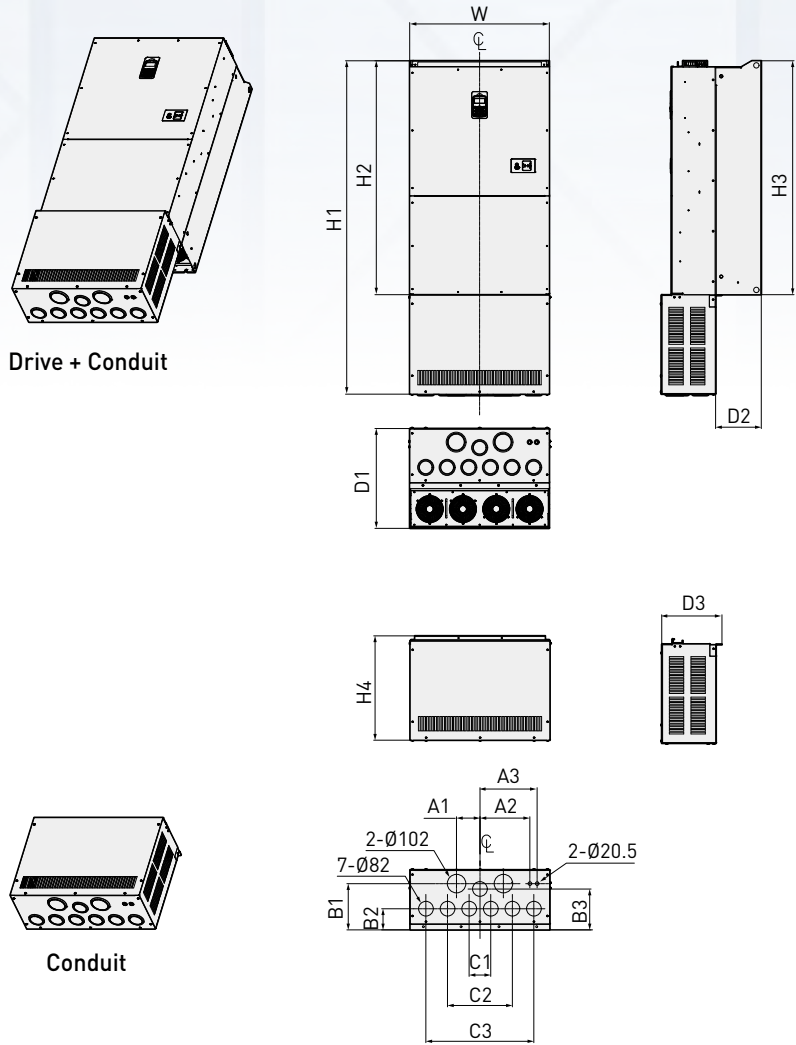
*Without rubber packing

Unit:mm(inches)

Product (Model)		W	H1	H2	H3	H4	D1	D2	D3	A1	A2	A3	B1	B2	B3	C1	C2	kg (lb)
3-Phase 380~480V	LSLV5000H100-4 (PLUS)	776 (30.55)	1606 (63.23)	1059.5 (41.71)	1054 (41.50)	592.4 (23.32)	619.7 (24.40)	253 (9.96)	367 (14.45)	190 (7.48)	247.5 (9.74)	80 (3.15)	270 (10.63)	100 (3.94)	250 (9.84)	190 (7.48)	570 (22.44)	290.9 (641.3)

Dimensions

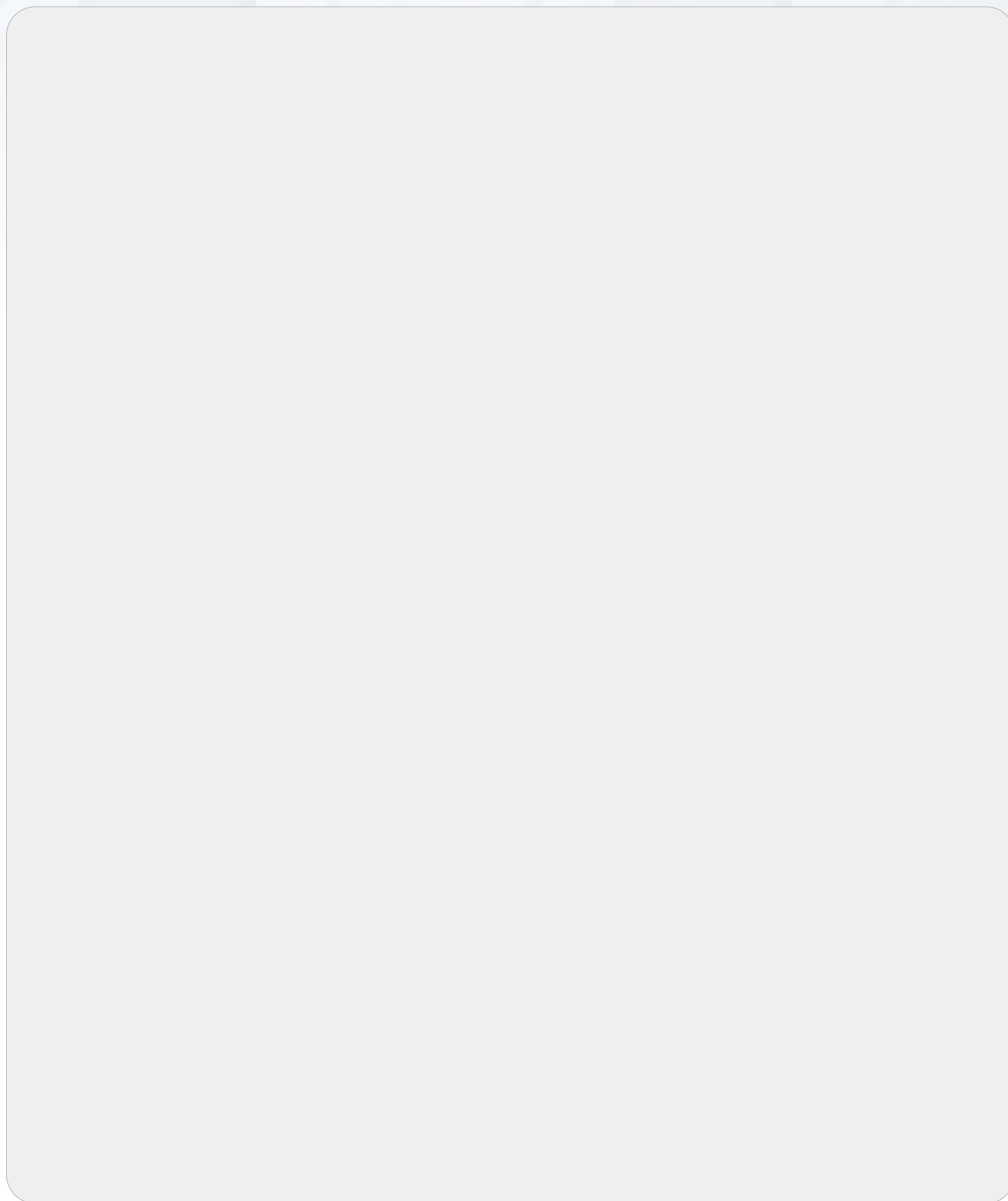
Conduit



* Image After Removing Rubber Packing

Product (Model)		W	H1	H2	H3	H4	D1	D2	D3	A1	A2	A3	B1	B2	B3	C1	C2	C3	kg (lb)
3-Phase 380~480V	LSLV7500H100-4 (PLUS)	776 [30.55]	1852.6 [72.94]	1300 [51.18]	1300 [51.18]	580 [22.83]	555 [21.85]	253.2 [9.97]	334 [13.15]	130.8 [5.15]	277 [10.91]	317 [12.48]	257.2 [10.13]	117.2 [4.61]	227.2 [8.94]	120 [4.72]	360 [14.17]	600 [23.62]	382.6 [843.5]

Unit: mm(inches)



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