


EUROTHERM 601 SERIES

EUROTHERM 620 SERIES

- 620
- 620S
- 620S V


EUROTHERM 584 SERIES

- 584
- 584S
- 584S V


EUROTHERM 605 SERIES

- 605
- 605C


PARKER 690P SERIES

- BLUE CASE
- GREY CASE

PARKER ARE BACK!



The all-NEW PARKER AC20 Drives have been designed with the key features being: Simplicity, Reliability and Compatibility!

The drive uses DSE Lite meaning that we get to use our trusted software to program these drives!

SDS DRIVES
µSD Card Slot

For application cloning and firmware updates in the field

**Variable Speed Drive
AC20 Applications**
Built-in Display Keypad

Operate the drive and see real time diagnostic feedback through the built-in 2-line alphanumeric display

Standard Ethernet Port

Modbus TCP/IP, ProfinetIO & Ethernet IP as standard. Access the drive webpage or program the drive through the popular and intuitive DSELite configuration tool

User fittable Option Cards

- Encoder Feedback card
 - GPIO card
 Both are compatible in each option slot & two identical cards can be fitted simultaneously

Built-in RS232 Port

Connect a remote 6901 keyp


Safe Torque Off

Independently certified STO to SIL2, PLd as standard. Complies to:
 - EN ISO13849-1:2015
 - EN 61800-5-2:2017
 - EN 61508

Dedicated Motor Thermistor Input

PTC Motor Thermistor feedback connection as standard

Additional Communications Options

- CANopen
 - EtherCAT
 - Ethernet IP
 - Profibus DVP-1
 - ProfiNet IO

Power Cable Shielding Bracket

(not shown)
 Frames 2-5 fitted with a cable shielding and support bracket as standard

User I/O

Extensive analogue and digital I/O for application flexibility


Standards & Compliance

The product is certified to the latest international standards:
 - Low Voltage Directive 2014/30/EU
 - Electro-Magnetic Compatibility Directive 2006/42/EC
 - EN61800-5-1:2007+A11:2021 and EN61800-3:2018
 - IE 2 Compliant

T: 0117 409 0107 E: info@sdsdrives.com

PARKER 690P Frame Sizes

Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
B	0.75 – 6kW	233.0	176.5	181.0
C	7.5 – 15kW	348.0	201.0	208.0
D	18.5 – 30kW	453.0	252.0	245.0
E	30 – 45kW	668.6	257.0	312.0
F	55 – 90kW	720.0	257.0	355.0

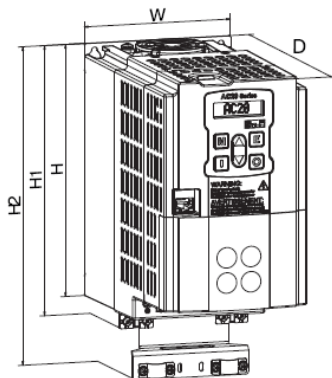


690P to AC20
Frame Size Guide

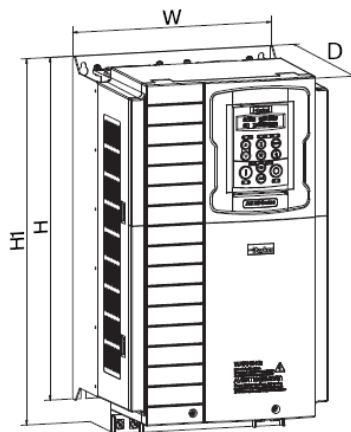

PARKER AC20 Frame Sizes

Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
2	1.5 – 4kW	180.0	108.4	185.0
3	5.5 – 7.5kW	237.5	141.6	184.0
4	11 – 15kW	265.0	161.0	196.0
5	18.5 – 30kW	340.0	210.0	220.2
6	37 – 45kW	435.0	262.0	240.5
7	55 – 75kW	630.0	355.0	265.0
8	90 – 132kW	765.0	406.0	300.0
9	160kW	765.0	510.0	326.0
10	180kW	910.0	550.0	341.5

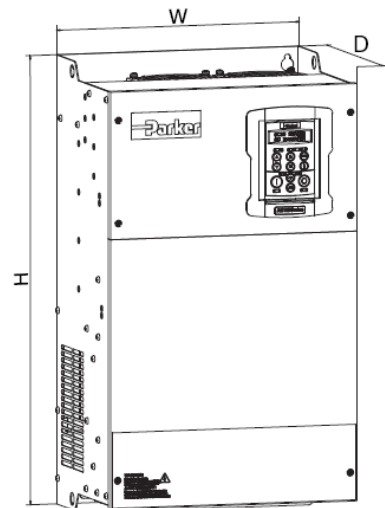
Frame 2-5



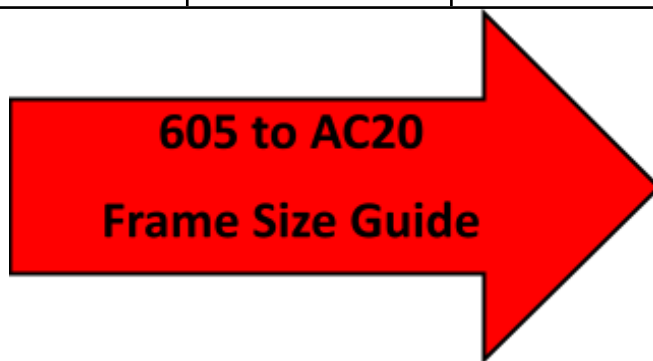
Frame 6



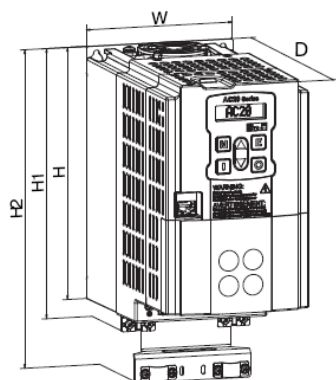
Frame 7-10



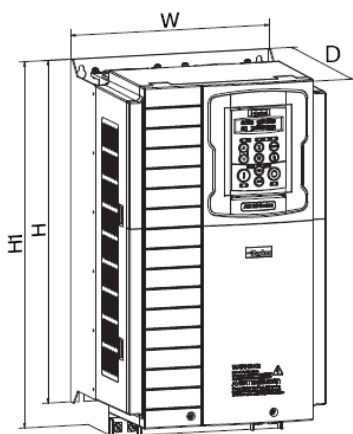
EUROTHERM 605 Frame Sizes				
Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
Type A	0.75 – 1.5kW	233.0	176.5	181.0
Type B	2.2 – 4kW	348.0	201.0	208.0
PARKER AC20 Frame Sizes				
Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
2	1.5 – 4kW	180.0	108.4	185.0
3	5.5 – 7.5kW	237.5	141.6	184.0
4	11 – 15kW	265.0	161.0	196.0
5	18.5 – 30kW	340.0	210.0	220.2
6	37 – 45kW	435.0	262.0	240.5
7	55 – 75kW	630.0	355.0	265.0
8	90 – 132kW	765.0	406.0	300.0
9	160kW	765.0	510.0	326.0
10	180kW	910.0	550.0	341.5



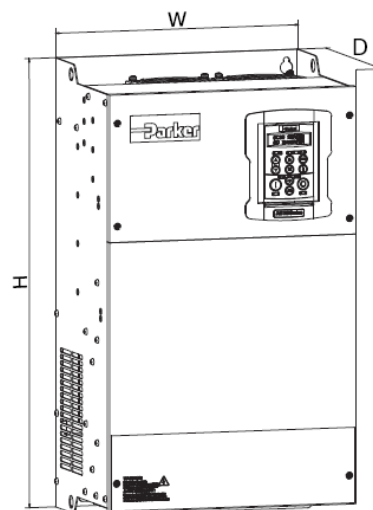
Frame 2-5



Frame 6



Frame 7-10



EUROTHERM 584 Frame Sizes

Frame Size	kW Range	Height (mm)	Width (mm)	Depth (mm)
584	0.75 – 7.5kW	385.0	228.0	157.0
585	11 – 15kW	535.0	228.0	157.0
586	18.5 – 37kW	775.0	234.0	298.0
587	45 – 75kW	1125.0	398.0	336.0

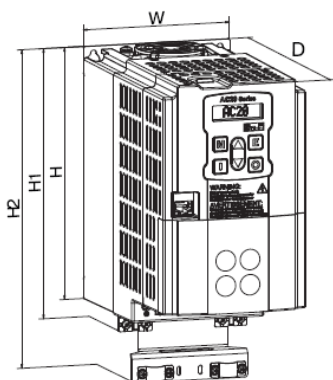


584 to AC20
Frame Size Guide

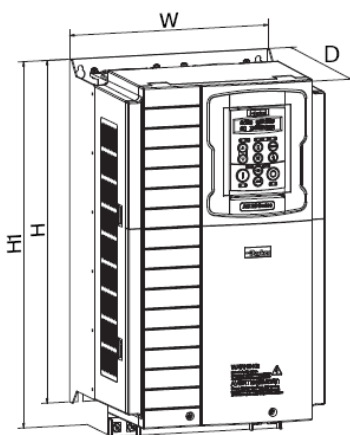

PARKER AC20 Frame Sizes

Frame Size	kW Range	Height (mm)	Width (mm)	Depth (mm)
2	1.5 – 4kW	180.0	108.4	185.0
3	5.5 – 7.5kW	237.5	141.6	184.0
4	11 – 15kW	265.0	161.0	196.0
5	18.5 – 30kW	340.0	210.0	220.2
6	37 – 45kW	435.0	262.0	240.5
7	55 – 75kW	630.0	355.0	265.0
8	90 – 132kW	765.0	406.0	300.0
9	160kW	765.0	510.0	326.0
10	180kW	910.0	550.0	341.5

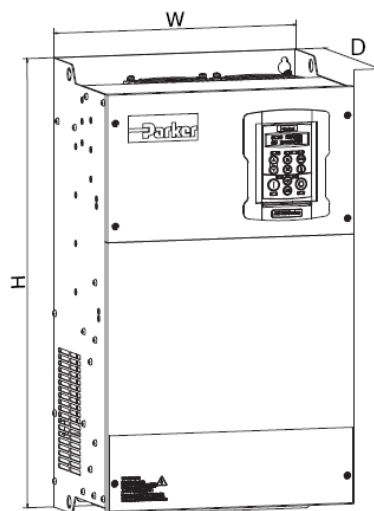
Frame 2-5



Frame 6



Frame 7-10



EUROTHERM 620 Frame Sizes

Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
Type 4	0.75 – 7.5kW	318.0	228.0	157.0
Type 5	11 – 15kW	468.0	228.0	157.0
Type 6	18.5 – 37kW	672.0	234.0	298.0
Type 7	45 – 75kW	838.0	398.0	398.0

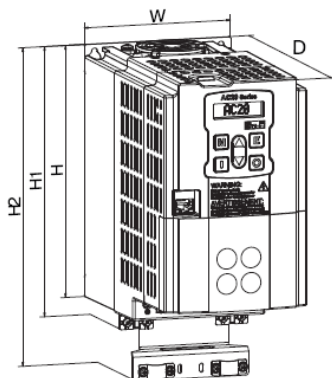


620 to AC20
Frame Size Guide

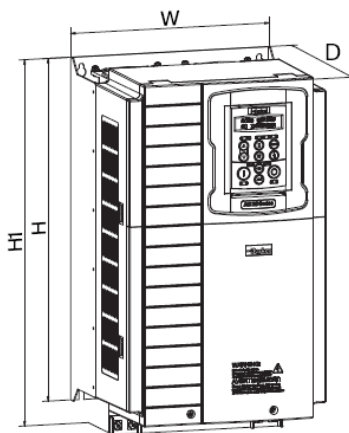

PARKER AC20 Frame Sizes

Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
2	1.5 – 4kW	180.0	108.4	185.0
3	5.5 – 7.5kW	237.5	141.6	184.0
4	11 – 15kW	265.0	161.0	196.0
5	18.5 – 30kW	340.0	210.0	220.2
6	37 – 45kW	435.0	262.0	240.5
7	55 – 75kW	630.0	355.0	265.0
8	90 – 132kW	765.0	406.0	300.0
9	160kW	765.0	510.0	326.0
10	180kW	910.0	550.0	341.5

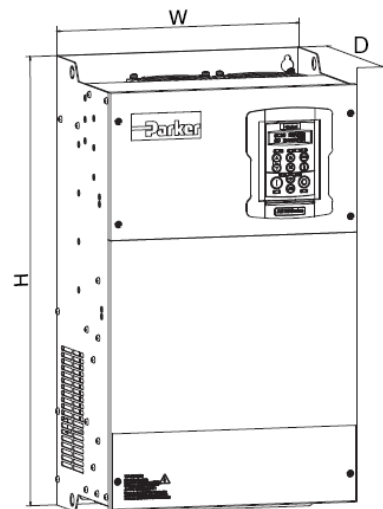
Frame 2-5



Frame 6



Frame 7-10



EUROTHERM 620 Frame Sizes

Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
Type 4	0.37 – 2.2kW	183.0	72.0	175.0

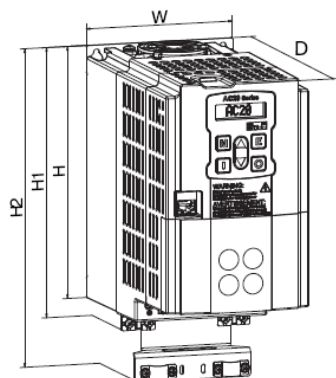


601 to AC20
Frame Size Guide

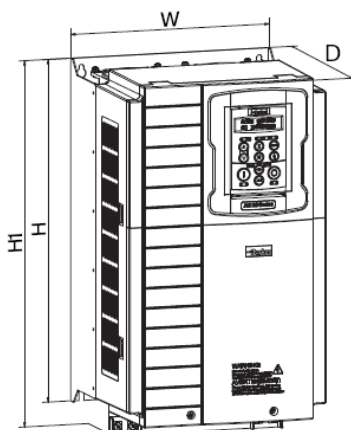

PARKER AC20 Frame Sizes

Frame Size	kW Range	Hight (mm)	Width (mm)	Depth (mm)
2	1.5 – 4kW	180.0	108.4	185.0
3	5.5 – 7.5kW	237.5	141.6	184.0
4	11 – 15kW	265.0	161.0	196.0
5	18.5 – 30kW	340.0	210.0	220.2
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9	160kW	765.0	510.0	326.0
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Frame 2-5



Frame 6



Frame 7-10

