



Edwards EXC-120, EXC-300

Technical Specifications

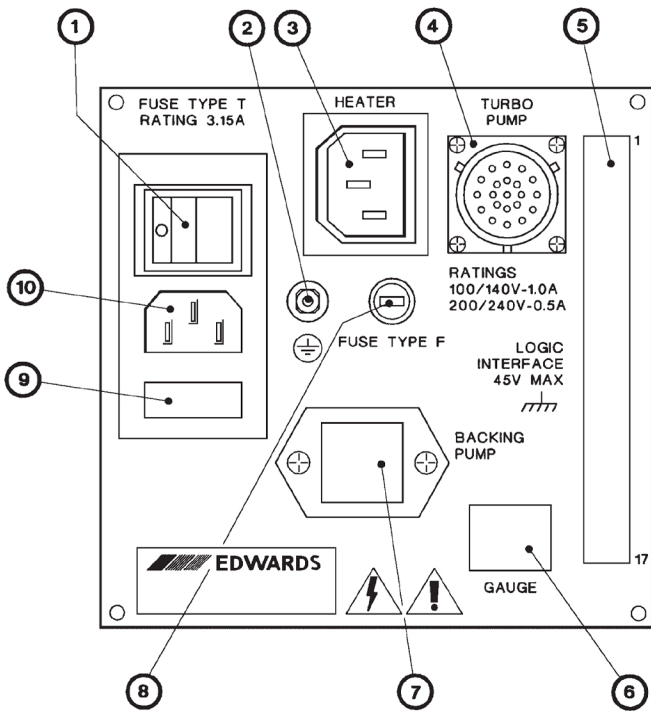
Parameter	EXC120	EXC300
Mass	2 kg	4.6 kg
Cooling	Natural convection	Forced air
Electrical supply voltage	90 to 264 V a.c.	90 to 132 or 180 to 264 V a.c.
Electrical supply frequency	47 to 63 Hz	47 to 63 Hz
Maximum input power	400 VA	700 VA
Peak inrush current	27 A at 110 V a.c. 54 A at 240 V a.c.	27 A at 110 V a.c. 54 A at 240 V a.c.
Compatible EXT pumps	EXT70, EXT250 EXT351, EXT501	EXT70, EXT250 EXT351, EXT501
EXT pump-motor electrical supply		
Maximum continuous output power	110 W	290 W
Maximum output voltage	90 V peak to peak	90 V peak to peak
Switching frequency	32 kHz	32 kHz
Nominal commutation frequency	600 Hz to 1.5 kHz	600 Hz to 1.5 kHz
Maximum commutation frequency	1.07 x nominal	1.07 x nominal
Standby frequency	70% of nominal	70% of nominal
Maximum continuous axial bearing current	-	-
Axial bearing drive voltage		
Maximum	-	-
Minimum	-	-
Air-cooler electrical supply		
Voltage range	+18 to +26 V d.c.	+12 to +26 V d.c.
Maximum output current	100 mA	100 mA
Vent-valve electrical supply		
Voltage range	+18 to +26 V d.c.	+12 to +26 V d.c.
Maximum output current	80 mA	80 mA
Bakeout band electrical supply		
Voltage range	90 to 132 or 180 to 264 V a.c.	90 to 132 or 180 to 264 V a.c.
Maximum power	150 W	150 W



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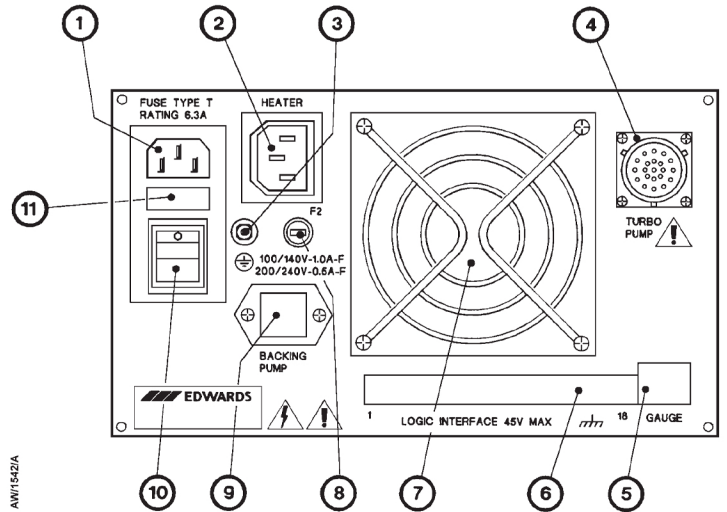
Dimensions

EXC-120



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|-------------------------------|---------------------------------|
| 1. Electrical supply isolator | 6. Active gauge connector |
| 2. Earth (ground) stud | 7. Backing pump connector |
| 3. Bakeout band connector | 8. Bakeout band fuse |
| 4. EXT pump connector | 9. Electrical supply fuse |
| 5. Logic interface connector | 10. Electrical supply connector |

EXC-300



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|--------------------------------|--------------------------------|
| 1. Electrical supply connector | 7. Cooling-fan |
| 2. Bakeout band connector | 8. Bakeout band fuse |
| 3. Earth (ground) stud | 9. Backing pump connector |
| 4. EXT pump connector | 10. Electrical supply isolator |
| 5. Active gauge connector | 11. Electrical supply fuse |
| 6. Logic interface connector | |