

Compressor, power supply equipment capacity and required cable thickness

Item		YP-035PF3		YP-060PF3		YP-080PF3	
Input power source		220 /200 V AC, 50 / 60 Hz					
Number of phases		Single-phase	3-phase	Single-phase	3-phase	Single-phase	3-phase
Equipment capacity	Commercial power source	5.4 kVA or more	6.7 kVA or more	8.5 kVA or more	10.9 kVA or more	10.7 kVA or more	14.6 kVA or more
	Engine generator	16.2 kVA or more	13.4 kVA or more	25.5 kVA or more	21.8 kVA or more	32.1 kVA or more	29.2 kVA or more
Fuse (Type B)		30 A	30 A	40 A	30 A	60 A	60 A
Breaker (No-fuse breaker)		30 A	30 A	40 A	30 A	60 A	60 A
Input side cable		Included with main unit 3 m (M6)				14 mm <sup>2</sup> or more (for M5)	
Output side cable		5.5 mm <sup>2</sup> or more (M8)		8 mm <sup>2</sup> or more (M8)	14 mm <sup>2</sup> or more (M8)	14 mm <sup>2</sup> or more (M8)	20 mm <sup>2</sup> or more (M8)
Ground cable		3.5 mm <sup>2</sup> or more		5.5 mm <sup>2</sup> or more		14 mm <sup>2</sup> or more	
Compressor		1.5 kW or more		1.5 kW or more		1.5 kW or more	
Pressure-resistant hose	Inner diameter	6.5 mm		6.5 mm		6.5 mm	
	Pressure-resistant	0.98 Mpa or more		0.98 Mpa or more		0.98 Mpa or more	
Compressed air *	Appropriate pressure	0.39 Mpa or more		0.49 Mpa or more		0.49 Mpa or more	
	Capacity	100 L/min or more		173 L/min or more		173 L/min or more	

\*Compressed air depends on torch type.