

SGPL



SG



Features

The design incorporates innovative method to seal and enclose outer surface of the tube with packing. The construction guarantees excellent performance in replenishing refrigerants, leakage testing and specially in vacuuming applications. Design allows sealing end face of the tube. The excellent seal structure solves problems caused by variations in outer diameter of the copper tube.

SGPL design enables removing of fluid in the system under clamping pipe.

External seal enclosing construction allows high air tightness and most suitable for refrigerant, helium gas and vacuums etc. applications.

Different packing materials are available to suit application requirements in air conditioner and refrigerator production lines.

User friendly operation design.

Simple and quick maintenance. Spare parts can be replaced easily.

Specifications

Model	SGPL470	SGPL600	SGPL630	SGPL800	SGPL950
	SG470	SG600	SG630	SG800	SG950
Pipe Size	Ø4.76 (3/16")	Ø6	Ø6.35 (1/4")	Ø8.0 (5/16")	Ø9.52 (3/8")
Body Material	Brass (Partially High-strength aluminium)				
Packing Material Working Temperature Applicable Fluid	Packing Material	Symbol	Working Temperature	Applicable Fluid	
	Neoprene	NR-28	-20°C~+80°C	Refrigerant Gas and Oil Nitrogen Gas, Dry Air, Helium Gas	
	Fluorine rubber	VT-20	-15°C~+180°C	Dry Air, Helium Gas, Nitrogen Gas	
Vacuum Capacity	1.3 × 10 ⁻¹ pa (1 × 10 ⁻³ mm Hg)				
Connection Type	Stop Plug, Male Thread, assembled with plug (P-250, P-350)				

Model	SGPL	SG	
		470 , 600 , 630	800 , 950
Working Pressure MPa (Kgf/cm ²)	3.43 (35)	0.48 (5)	0.29 (3)
Pressure Resistance MPa (Kgf/cm ²)	3.92 (40)	0.74 (7.5)	0.48 (5)