



Oil Charging Pump

VOP-H (475368)



Virginia Oil Charging pump is designed to be hand held for convenience of the technician.

The pump is capable of pumping oil against some pressure for fast oil removal.

Characteristics:

- Piston-style hand pump
- 10 full strokes will pump 1 pint of oil
- Threaded collar slides to accommodate cans of varying height
- Equipped with adapter rings to fit a wide variety of containers
- Comes with plastic hose for insertion into compressor crankcase

Applications:

Any refrigeration, air conditioning heat pump in which oil is added or removed from the compressor and ease of use is of primary importance to save service technician time.

Compatibility:

Suitable for use with Alkybenzene lubricant, mineral oil and polyol ester lubricant.

Instructions For Use:

Insert barrel of the pump in the can opening and tighten the cap on the can neck until snug. The material from which the can and neck is made is light and excessive tightening can



deform the neck so the cap will not hold. Make sure the cap does not go on cross-threaded. Push the barrel into the can until it touches the bottom. The pump is now ready for operation.

To pump oil into compressor: Attach pump to compressor with charging hose or copper tube (charging hose preferred). Leave connection to compressor loose. Pump oil into charging hose until it is filled. This is necessary

to eliminate air and to ensure oil seal for the check valve. This valve will not hold against refrigerant pressure without the oil seal. Tighten the compressor connection and open the compressor valve. Pump the oil into the compressor with even strokes. The viscosity of the oil prevents it from filling the pump immediately so time must be allowed on the upstroke for the cylinder to fill. Higher viscosities and cold oil will both slow down



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the filling rate. Push straight down on the pressure stroke so the pump will not slip on the can bottom. It may be necessary to hold the pump barrel with one hand while pumping since the cap does not rigidly hold the barrel and it can move up and down. If pump barrel fills completely on each upstroke and the piston is pushed all the way down, 10 strokes will pump 1 pint of oil.

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