

# A350 Supplemental Cooling System Hand Pump, Top Up

Model PF56201



The Malabar A350 Coolant Hand Pump, Top Up is designed in accordance with Airbus system and equipment engineering specifications to meet the special servicing requirements of the aircraft supplemental cooling system. The unit has the components and capacity to top up the supplemental cooling system accumulator, and top up and drain the various consumer units.

The Hand Pump consists of a clean fluid reservoir, hand pump assembly, filter assembly, pressure gauge, nitrogen regulator, fluid supply and return hoses with sight glasses and end couplings that interface with various adapter assemblies that can be kept in the unit's storage compartment. The sight gauges on the front of the clean and waste reservoirs indicate the fluid level in each reservoir.

The two wheel hand cart design features a 3-inch lunette eye integrated in the handle. This allows for ease of manual portability or vehicle towing. Forklift provisions are also included.

To facilitate connections to the A350 aircraft systems, an A350 ground service panel (GSP) adapter kit (p/n 1016309) and an A350 consumer unit (CU) adapter kit (p/n 1016310) can be obtained from Malabar.

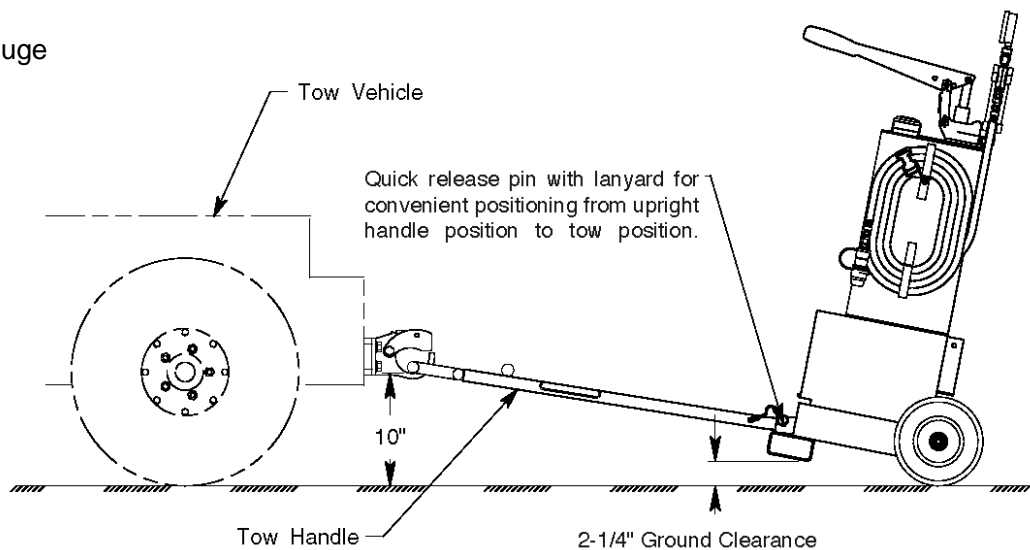
Model PF56201 is certified to CE standards and is built to withstand harsh environmental conditions and rugged use, and to provide many years of continuous service. Our customers are guaranteed a quality product with each purchase and are assured of our continued product support whenever and wherever the need arises.

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## Standard Features:

- Materials compatible with PGW fluid
- Nitrogen system for consumer unit draining/purging operations
- Towable unit with stainless steel fluid reservoirs
- Clean and water fluid reservoirs
- Manual hand pump and integral relief valve
- Storage cabinet for adapter tools
- Inline fluid sight gauges
- Fluid filter
- Delivery pressure gauge
- Fluid level indicators
- Fluid hoses



## Specifications:

Unit weight (dry) .....	100 lbs (45.4 kg)
Fluid .....	PGW (60% propylene glycol/water, clear)
Volume per stroke .....	3.0 in <sup>3</sup> (49 cm <sup>3</sup> )
Clean fluid capacity .....	6 gallons (22.7 l)
Waste fluid capacity .....	3 gallons (11.4 l)
Supply fluid filter .....	3 micron absolute
Supply and return hoses .....	200 inches (5080 mm)
Nitrogen inlet .....	.7/16-20 (-4), 37° flared male port
Maximum towing speed.....	5 mph (8 kph)
Standard finish.....	Yellow orange (RAL 2000) skydrol resistant paint
Unit dimensions.....	30" (762 mm) L x 23" (584 mm) W x 47" (1194 mm) H
Operating ambient temperature range.....	-22°F to 122°F (-30°C to 50°C)

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## Accessories:

*(Specify with order)*

1016309: A350 ground service panel (GSP) adapter kit

1016310: A350 consumer unit (CU) adapter kit

## Shipping Data:

	<b>Length</b> inches (mm)	<b>Width</b> inches (mm)	<b>Height</b> inches (mm)	<b>Weight</b> lbs (kgs)
Export Crate	36 (914)	28 (711)	61 (1549)	250 (113)