

A-Gas Reclaim Cylinders

Maximum Safe Fill Weight Guide

WHY was this guide created?

- Reduce the risk of overfilled, overweight, or difficult-to-handle cylinders during refrigerant recovery.
- Promote safe refrigerant recovery by helping prevent reclaim cylinders from being overfilled.
- Provide technicians with a quick reference for maximum refrigerant fill weights and gross cylinder weights.
- Help technicians and project managers plan the number and size of reclaim cylinders required before starting a job.
- Provide a simple, consistent guide that can be used on site when planning and carrying out reclaim work.



HOW can technicians use it?

1. Identify the estimated refrigerant charge in the system being recovered.
2. Select the appropriate reclaim cylinder size based on the required recovery volume.
3. Divide the system charge by the cylinder's maximum refrigerant fill weight to calculate the number of cylinders required.

CALCULATION

System Refrigerant Charge ÷ Max Refrigerant Fill Weight = Cylinders Required

- Always round up to the next whole cylinder — never exceed the maximum fill weight.
- Use the Max Gross Weight shown on the guide to check the total weight of each filled cylinder.
- Weigh cylinders during the recovery process to ensure they remain within the maximum gross weight limit.
- Use the guide to plan cylinder requirements before arriving on site, helping ensure the correct number of cylinders are available for the job.

EXAMPLE (300 KG REFRIGERANT RECOVERY)

300 ÷ 42 = 7.14 cylinders

Estimated system charge: 300 kg

Selected cylinder size: Large

Maximum refrigerant fill: 42 kg

8 × Large reclaim cylinders required

This gives the contractor enough cylinder capacity to safely recover the 300 kg refrigerant charge without exceeding the maximum refrigerant fill weight of the cylinders.

PLAN BEFORE YOU RECLAIM

SCAN HERE FOR
THE DIGITAL GUIDE



- 1 Know the system charge
- 2 Select the right cylinder
- 3 Calculate the number required
- 4 Never exceed the maximum fill or gross

Important: The guide is a reference tool only. Maximum reclaim fill rates must not be exceeded. Always follow applicable cylinder, refrigerant recovery and site safety requirements. Calculated data is based on A-Gas reclaim cylinders.

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