



Starcraft C-20A Canister Rifle (Nova/Ghost Sniper Rifle)



roboticide

[VIEW IN BROWSER](#)

updated 9. 8. 2022 | published 9. 8. 2022

Summary

An unofficial model of Nova's weapon from Starcraft 2 and Heroes of the Storm.

[Costumes & Accessories](#) > [Props](#)

Tags: [cosplayweapon](#) [nova](#) [starcraft](#) [starcraft2](#)

Here's my contribution to all the quarantine creativity: an approximately life-sized C-20A Rifle used by the Starcraft character Nova.

Originally I ripped it from an in-game asset, and then added detail from there based off of numerous reference photos. That being said, it's often portrayed differently in different media (and often confused for Nova's original gun the C-10), so I took some liberties. It's also scaled down to be more realistic, about 80% the size of what is portrayed in game.

All the hardware can be sourced from McMaster-Carr or Amazon, and a parts I used are listed below. If parts are discontinued, similar ones should work with minimal reworking. Also included is a diagram for assembly.

Optional electronics are called out. Similarly, I used a 20mm steel rod as the spine of the gun, for rigidity and realistic weight. An aluminum or wooden rod could be substituted at your discretion.

AMAZON PARTS USED:

- 1x [Anker PowerCore 13000mAh Battery](#) (Optional Electronics)
- 1x [uxcell Metal Button, Blue LED](#) (Optional Electronics)
- 1x [Quarton Laser Diode](#) (Optional Electronics)
- 1x [iNextStation LED Strip](#) (Optional Electronics)

MCMMASTER-CARR PARTS USED:

- 4x [Neodymium Magnets - 5862K159](#)
- 1x [Miniature Panel-Mounted Push-Button Switch - 7397K11](#) (Optional Electronics)
- 1x [90 Degree USB Cord - 4974T21](#) (Optional Electronics)
- 1x [Closed Eye Routing Bolt - 9494T54](#)
- 30x [Blue-Dyed Zinc M4 Bolt, 10mm Long - 91502A124](#)
- 2x [M20 Nut](#)
- 1x [M20 Threaded Rod, Low Strength, 1m](#)

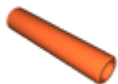
Model files



c-20a-silencer1.stl



c-20a-silencer2.stl



c-20a-barrel.stl



c-20a-frontcover.stl



c-20a-frontcoverl.stl



c-20a-frontcoverr.stl



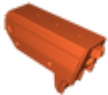
c-20a-laserprobe.stl



c-20a-frontgrip.stl



c-20a-bodyfront.stl



c-20a-bodyrear.stl



c-20a-bodytrim.stl



c-20a-chargebutton.stl



c-20a-handle.stl



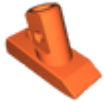
c-20a-pistolgrip.stl



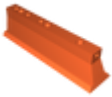
c-20a-triggerassembly.stl



c-20a-gripcovers.stl



c-20a-grippommel.stl



c-20a-scopemount.stl



c-20a-scopetrim.stl



c-20a-scope1.stl



c-20a-scope2.stl



c-20a-scope3.stl



c-20a-scopelenses.stl



c-20a-stock.stl



c-20a-stockpadding.stl



c-20a-stockpiston.stl



c-20a-stocktrim.stl



c-20a-stockpadpin.stl



c-20a-magazine1.stl

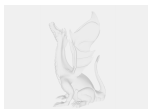


c-20a-magazine2.stl



c-20a-magazine3.stl

Other files



c-20a-data-sheet.pdf

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution—Noncommercial—No Derivatives

- ✗ | Sharing without ATTRIBUTION
- ✗ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition