

THE DIFFERENCES IN THE KINDS OF COMPRESSORS



#1: Hobbyist

PRICE: \$80 - \$100
ENGINE: 0.5 HP
TANK SIZE: None
NOISE LEVEL: 47 – 50db
PSI CAPACITY: 0-57psi
WEIGHT: 10lbs

#2: Hobbyist with tank

PRICE: \$150 - \$200
ENGINE: 0.5 HP
TANK SIZE: 0.7gal
NOISE LEVEL: 47 – 50db
PSI CAPACITY: 0-57psi
WEIGHT: 10lbs

#3: Shop

PRICE: \$100 - \$200
ENGINE: 0.8 – 2hp
TANK SIZE: 2,6,8,20,38,60gal
NOISE LEVEL: 80-100db
PSI CAPACITY: 135 -150psi
WEIGHT: 30-60lbs

#4: Quiet Shop

PRICE: \$200 - \$300
ENGINE: 0.5 – 1.5hp
TANK SIZE: 1-3gal
NOISE LEVEL: 58-60db
PSI CAPACITY: 120-135psi (200psi)
WEIGHT: 30-50lbs

#5: Silent Air: These compressor types run super quiet on refrigerator motors. The cost is significant \$1500 - \$2500

HOOKUP FOR SHOP COMPRESSORS



You will need:

- Air Compressor Hose
- Moisture Trap/Regulator
- Adapters as required
- Thread Seal Tape
- Airbrush Hose

Moisture Trap: <https://amzn.to/3I2DUtc>

Air Hose in different lengths: <https://amzn.to/3YK4b5Q>

Thread Seal Tape: <https://amzn.to/3G9NBoB>

¼" Male coupler: <https://amzn.to/3FT8BPc>

Airbrush hose with ¼" adapter: <https://amzn.to/3G9vE9y>

¼" NPT female to 1/8" BSP Male: <https://amzn.to/3WhVqhp>

- There is a universal quick connect at the body of most shop compressors: **¼" NPT Quick Release Female**
- You will need: **¼" NPT Male Coupler** to attach your air compressor hose
- Iwata Airbrushes have a **1/8" BSP Male** thread
- You may require a **¼" NPT to 1/8" BSP** adapter in your setup

Compressor > Air Compressor Hose > Moisture Trap/Regulator > Airbrush Hose > Airbrush

Seal all connections with thread seal tape to avoid leaks

The moisture trap regulator should be placed at the end of an air compressor hose and not directly at the body of the compressor – this allows it to collect more moisture proactively. This also allows you to station the compressor away from your desk. If you station the regulator at your desk, you can watch the pressure as you work.

Always release the pressure from the air tank when you are done painting to preserve longevity of the machine.

HOOKUP FOR HOBIEST COMPRESSORS

Hobbyist compressors come equipped with a moisture trap / regulator already attached. Some products also come with an airbrush hose included. The standard output is usually **1/8" BSP Male**. Connect the adequate airbrush hose to the compressor & your airbrush.

BREAKDOWN OF RECOMMENDED BRANDS



MASTER HOBBY (USA) – TIMBERTECH (Canada)

No tank -

PRICE: \$89 – comes with moisture trap & hose

ENGINE: 0.2hp

TANK SIZE: N/A

NOISE LEVEL: 47db

PSI CAPACITY: 57psi

WEIGHT: 9.5lbs

FILL TIME: continuous

With Tank – TC-326T

PRICE: \$139 – comes with moisture trap & hose

ENGINE: 0.2hp

TANK SIZE: 0.8Gal

NOISE LEVEL: 47db

PSI CAPACITY: 57psi

WEIGHT: 9.5lbs

FILL TIME: continuous

MAKITA

1gal: MAC100Q

PRICE: \$189

ENGINE: 0.5hp

TANK SIZE: 1gal

NOISE LEVEL: 58db

PSI CAPACITY: 135psi

WEIGHT: 30lbs

FILL TIME: 66sec (1min6sec)

2gal: MAC210Q

PRICE: \$229

ENGINE: 1hp

TANK SIZE: 2gal

NOISE LEVEL: 60db

PSI CAPACITY: 135psi

WEIGHT: 48lbs

FILL TIME: 51sec

3gal: MAC320Q

PRICE: \$299

ENGINE: 1.5hp

TANK SIZE: 3gal

NOISE LEVEL: 60db

PSI CAPACITY: 135psi

WEIGHT: 55lbs

FILL TIME: 53sec

CALIFORNIA AIR TOOLS or CAT

1 Gal: CAT- 1P1060S

PRICE: \$150

ENGINE: 0.6hp

TANK SIZE: 1gal

NOISE LEVEL: 56db

PSI CAPACITY: 120psi

WEIGHT: 34lbs

FILL TIME: 50sec

2 Gal: CAT - 2010A

PRICE: \$200

ENGINE: 1hp

TANK SIZE: 2gal

NOISE LEVEL: 60db

PSI CAPACITY: 120psi

WEIGHT: 35lbs

FILL TIME: 50sec

8 Gal: 8010 / 8010A (Steel/Alum)

PRICE: \$250

ENGINE: 1.0hp

TANK SIZE: 8gal

NOISE LEVEL: 60db

PSI CAPACITY: 120psi

WEIGHT: 48lbs vs. 37lbs

FILL TIME: 165sec (2min45sec)

FORTRESS

1 Gal

PRICE: \$159

ENGINE: 0.5 hp

TANK SIZE: 1gal

NOISE LEVEL: 57db

PSI CAPACITY: 135psi

WEIGHT: 30lbs

FILL TIME: 61sec

2 Gal

PRICE: \$189

ENGINE: 1.2hp

TANK SIZE: 2gal

NOISE LEVEL: 60db

PSI CAPACITY: 135psi

WEIGHT: 45lbs

FILL TIME: 47Sec

10 Gal

PRICE: \$329

ENGINE: 1.5hp

TANK SIZE: 10gal

NOISE LEVEL: 69db

PSI CAPACITY: 175psi

WEIGHT: 83.3lbs

FILL TIME: 109sec (1min50sec)

AMAZON LINKS

Master: <https://amzn.to/3v84r0J>



Timbertech: <https://a.co/d/1cKmvMr>

Master with Tank: <https://amzn.to/3WeDqo9>

Timbertech with Tank: <https://a.co/d/1TDASjD>

MAKITA: <https://www.makita.ca/>

Makita 1gal: <https://amzn.to/3I2BZF0>

Makita 2gal: <https://amzn.to/3WA4KNz>

Makita 3gal: <https://amzn.to/3FEtjSs>



FORTRESS: <https://www.harborfreight.com/>

Fortress 10gal: <https://amzn.to/3jl8vYV>

Fortress 2gal: <https://amzn.to/3v9gwmd>

Fortress 1gal: <https://amzn.to/3BSQwzf>



CALIFORNIA AIR TOOLS: <https://www.californiaairtools.com/>

CAT 1gal: <https://amzn.to/3WxRucf>

CAT 8gal- Steel tank: <https://amzn.to/3PIupBo> - 48lbs

CAT 8gal – Aluminum tank: <https://amzn.to/3v91ihd> - 37lbs

CAT 2gal: <https://amzn.to/3jq4nac>



NEED HELP?

Contact me at: deejaybestudios@gmail.com



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