



Its unique design makes it perfectly suited for any workshop application



Model	Hose ID mm	Hose OD mm	Hose Length	W.P PSI	Leader Hose	Application	KG	Outer Box Size	QTY Pallet
AV.101020	9.2	15	20 mtr	300	1.5 mtr	Air	12.8	47x20x50 cm	48

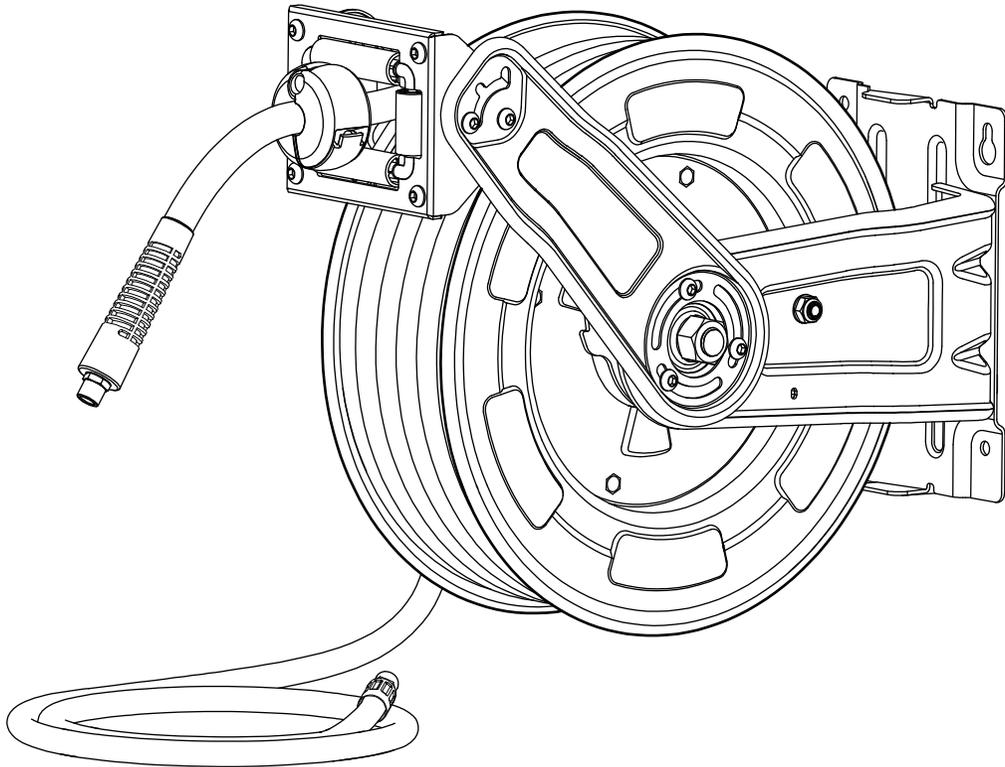
**The Avante 100 series** is a high quality, dual base, steel hose reel with a durable powdercoat finish.



## Features

- ✓ Dual Arm, steel construction
- ✓ Durable powder coat finish
- ✓ Automatic rewind
- ✓ Quick, Adjustable hose stop
- ✓ Yellow, Ultraflex hybrid hose
- ✓ 3/8" (9.2 mm) hose ID.
- ✓ 3/8" BSPT male brass fittings
- ✓ Four direction hose rollers
- ✓ Easy "lift-off" mounting bracket

**AV.101020**



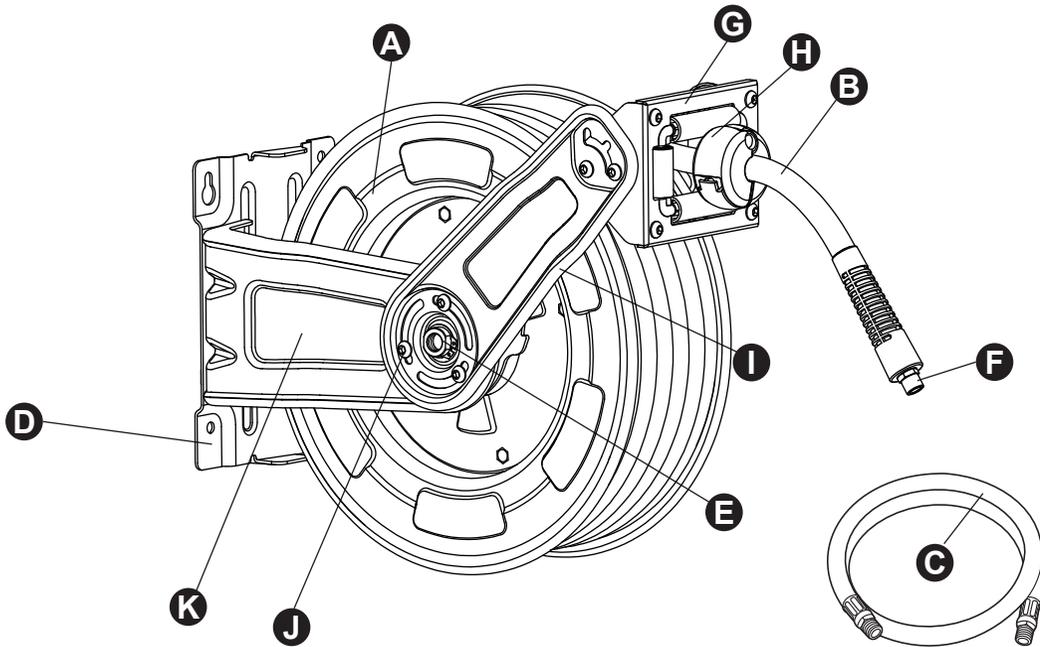
**20m Retractable  
Hose Reel with  
Hybrid Hose**

## TABLE OF CONTENTS

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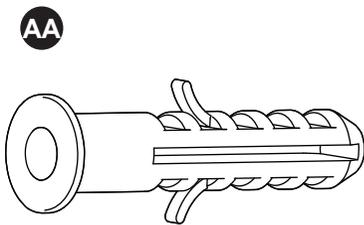
Package Contents .....	3
Safety Information .....	4
Preparation .....	5
Assembly Instructions.....	5
Operating Instructions.....	7
Care and Maintenance .....	7
Troubleshooting .....	8

# PACKAGE CONTENTS

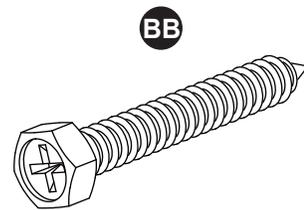


PART	DESCRIPTION	QUANTITY
A	Retractable Hose Reel	1
B	Air Hose (20 m)	1
C	Lead Hose (2 m)	1
D	Bottom Base Plate	1
E	Air Inlet	1
F	Air Outlet	1
G	Hose Guide	1
H	Stop Ball	1
I	Roller Bracket	2
J	Screw	6
K	Reel Bracket	2

# HARDWARE CONTENTS



plastic anchor Qty.4



ST6.3 × 45 mm Lag Bolt  
Qty. 4



## **SAFETY INFORMATION**

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Please read and understand this entire manual before attempting to assemble, operate or install the product.

### **⚠WARNING**

- Improper assembling or operation of this product could result in serious injury or property damage. Read and understand all assembly and operation instructions.
- Never remove side cover while hose is under tension. Serious injury could occur.
- Do not exceed maximum pressure of 300 PSI. Use compressed air regulated to a maximum pressure at or below the rated pressure of any attachments to this product.
- Protect your eyes by wearing safety glasses or a face shield when mounting and using this product.
- Keep loose clothing, hair, and jewelry away from moving parts of hose reel.
- Make sure that the product is firmly mounted before pressurizing.
- Rapidly retracting hose could cause injury and property damage. Maintain control of hose as it retracts.
- Keep hose away from sharp edges. Check hose for wear before each use.

## PREPARATION

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Before assembling the product, make sure all parts are present. Compare parts with package contents list and hardware contents list. If any part is missing or damaged, do not attempt to assemble the product.

Estimated Assembly Time: 10-15 minutes.

Tools Required for assembly and installation (not included):

- 3/8" (10 mm) Wrench
- Phillips Screwdriver
- 3/16" (5 mm) Allen Wrench
- Sealant Tape
- Drill & 3/8" Drill Bit
- Pencil
- Level

## ASSEMBLY INSTRUCTIONS

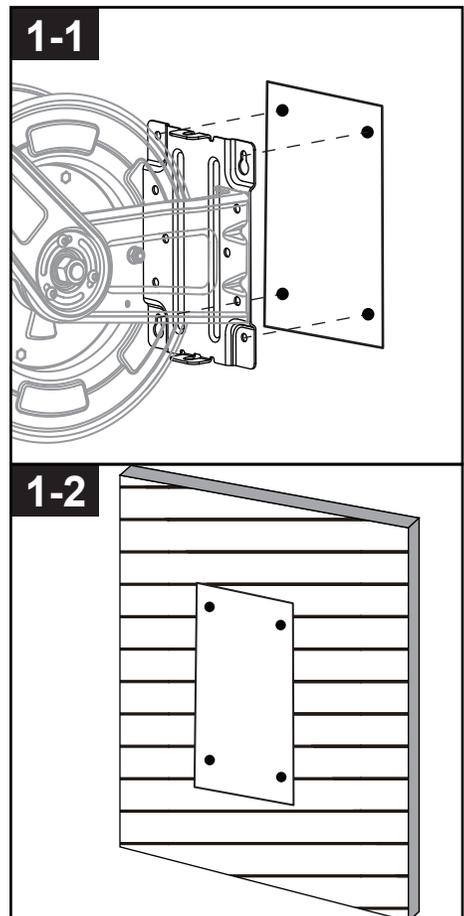
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1. Find a paper to make a paper template from the Bottom base plate (D) of the hose Reel. Mark the center of bolt holes in the desired mounting location by putting the paper template against the wall.

### NOTE

**NOTE** When securing the hose reel assembly to plywood or dimensional wood make sure it is thick enough to not only support the hose reel, but the force required to extend and retract the air hose.

**NOTE** Ensure there are no live electrical wires or plumbing in the wall at the location you are drilling.

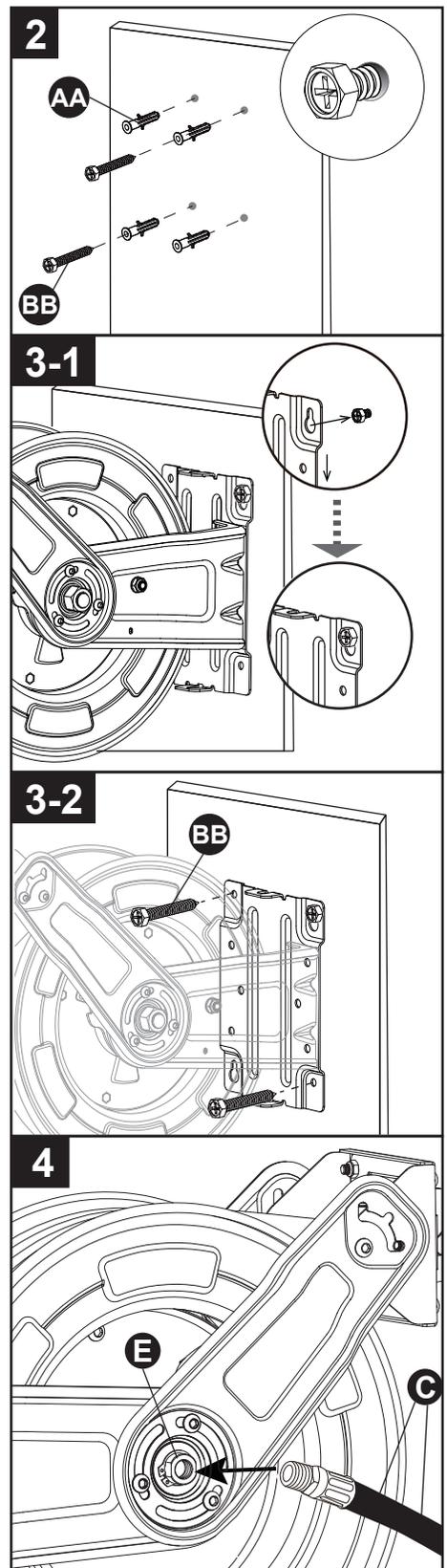


## ASSEMBLY INSTRUCTIONS

2. Drill 4 holes with accommodate 3/8" bolts ( not included), and install four plastic anchor into the holes. Then drive 2 mounting screws into the holes (lower left and upper right), Leaving about 5mm (1/4in) between the wall and screw head.

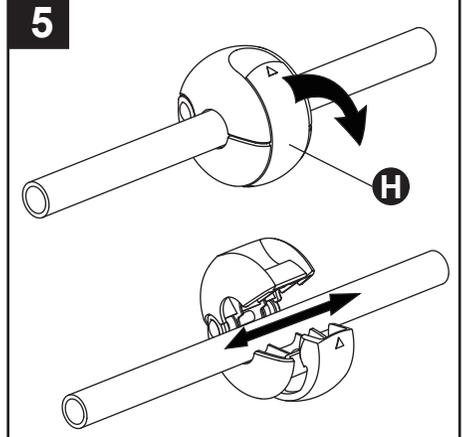
3. Hang the hose reel on these 2 preassembled screws, and slid down let the screw snap into the small end of holes on the Bottom base plate (D) to lock reel in place. Tighten these two pre assembled screws and drive the other two screws.

4. Wrap 3-5 layers of sealant tape on both male plug ends on the leader hose(C), attached one end into the air inlet (E) using a 3/8" (10mm) wrench to tighten together.



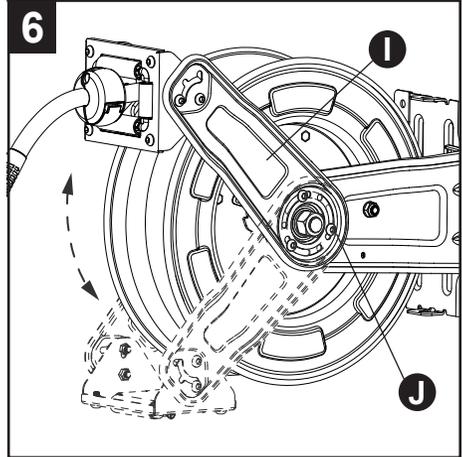
## ASSEMBLY INSTRUCTIONS

5. Pull out the hose to the desired length, ensure the hose reel is locked (will not rewind), open the latch on the stop ball (H) and move it to the desired location. Re-latch the stop ball (H).



6. The roller bracket (I) can be adjusted to the best angle/position for the smoothest operation of hose reel (A) when the hose reel is mounted. Loosen three screws (J) on each side with 5/16 (5mm) allen Wrech, rotate the roller bracket (I) to the desired position, then re-tight the three screws (J) on each side tightly.

**NOTE** If the desire angle is bigger than 90 degree, Taken off 3 screws (J) on each side, and rotate the roller bracket to the desire position, then re-assemble the 3 screws back and tight them.



## OPERATING INSTRUCTIONS

1. To extend air hose (B), slowly pull air hose to desired length. The hose reel will make a “clicking” sound as the hose is pulled out. The clicking sound you hear is the drum locking into place so it will not retract when you let go of the air hose. It may be necessary to pull air hose beyond desired length to keep it from automatically retracting.
2. To retract, slowly pull air hose (B) until clicking stops. While holding the air hose, let the hose automatically draw back until the stop ball (H) stops against the hose guide (G).

**NOTE** To avoid damaging the hose reel (A), always hold on the air hose (B) while it is rewinding.

## CARE AND MAINTENANCE

- Always operate the product with care by following the operating instructions.

## ASSEMBLY INSTRUCTIONS

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Air hose cannot be pulled smoothly or blocks.	<ol style="list-style-type: none"> <li>1. Roller bracket is not adjusted in the best angle/position.</li> <li>2. Roller bracket is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust roller bracket in the best angle/position.</li> <li>2. Replace roller bracket.</li> </ol>
Air hose will not retract smoothly.	<ol style="list-style-type: none"> <li>1. Roller bracket is not adjusted in the best angle/position.</li> <li>2. Roller bracket is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust roller bracket in the best angle/position.</li> <li>2. Replace roller bracket.</li> </ol>
Air hose will not retract all the way.	<ol style="list-style-type: none"> <li>1. Not enough tension on the coil spring.</li> </ol>	<p>Pull out approximately six ft of hose, and lock hose in place            Remove the Stop Ball (H) from the Hose and Slide the hose out of Hose Guide (G) so the hose is hanging loose.</p> <p>A. To increase tension, wrap the loose hose one time around the reel drum.</p> <p>B. To decrease tension, unwrap the hose one time from the drum.</p> <ul style="list-style-type: none"> <li>- Run the hose back through the Hose Guide (G) and re-attach the hose stopper.</li> <li>- Pull the hose out several feet to check the tension.</li> </ul>