

Customizable Electric Vacuum Gripper – OnRobot VGC10



Electric Vacuum Generator with 33 lbs payload, dual vacuum channels, and built-in quick changer is ideal for injection molded parts. Use your existing EOAT components to frame an EOAT that can run anywhere in your plant. No Compressed Air Required!

Quick# 8211
 Part# OR-102844
PRICE: \$3,709.00

OnRobot pricing effective 05/01/24 and subject to change.

Try It Risk Free!

*Contact us for details



- Two independent LH/RH air channels for dual gripping are helpful for handling plastic molded parts.
- Flexible electric vacuum gripper with unlimited customization fits all your application needs.
- Compact, lightweight gripper is perfect for tight spaces but with plenty of power for objects up to 15kg.
- Built-in electric vacuum generator.
- No external air supply needed.
- Integrated software.

Technical Specs	8211
Vacuum	5%– 80% Vacuum (1.5Hg – 24Hg)
Air flow	12 L /min (0.42 CFM)
Max. payload w/ default attachments*	13.2 lb (6 kg)
Max. payload w/ custom attachments*	33.1 lb (15 kg)
Gripping time	0.35 seconds
Releasing time	0.20 seconds
Weight	814g (1.79 lb)
Power supply	20.4V – 28.8V
Current consumption	50mA – 1500mA
Operating temperature	32° – 122°F

* When using three 40mm cups (more info in the table). Number of cups needed for non-porous materials varies depending on payload and vacuum.

Box Includes:

- VGC10
- Mounting plate
- 15mm Vacuum cup (x 8)
- 30mm Vacuum cup (x 6)
- 40mm Vacuum cup (x 4)
- Vacuum post (x2)
- G1/8" Nipple (x10)
- 6mm Push-in fitting (x4)
- G1/8" Plug (x4)
- M6 x 10mm screw (x4)
- 3mm Hex key
- Torx T30 key



Customizable Electric Vacuum Gripper – OnRobot VGC10

Custom 3D Printed EOAT and Cobot Ready Conveyor by EMI

EMI's Cobot Ready Conveyors are designed to be integrated with your Universal Robot to provide continuous part transfer and are ideal for pick and place, machine tending, and packaging applications.

Electric Vacuum with Molders in Mind!



Foam Surface Cups
See EMI website.

Custom mounting plates and EOAT by EMI

Have a specialty application that requires a custom vacuum gripper? Contact us to discuss! In-stock mounting plates are also available, see website for more information.

VGC10 Mounting Plates for EOAT

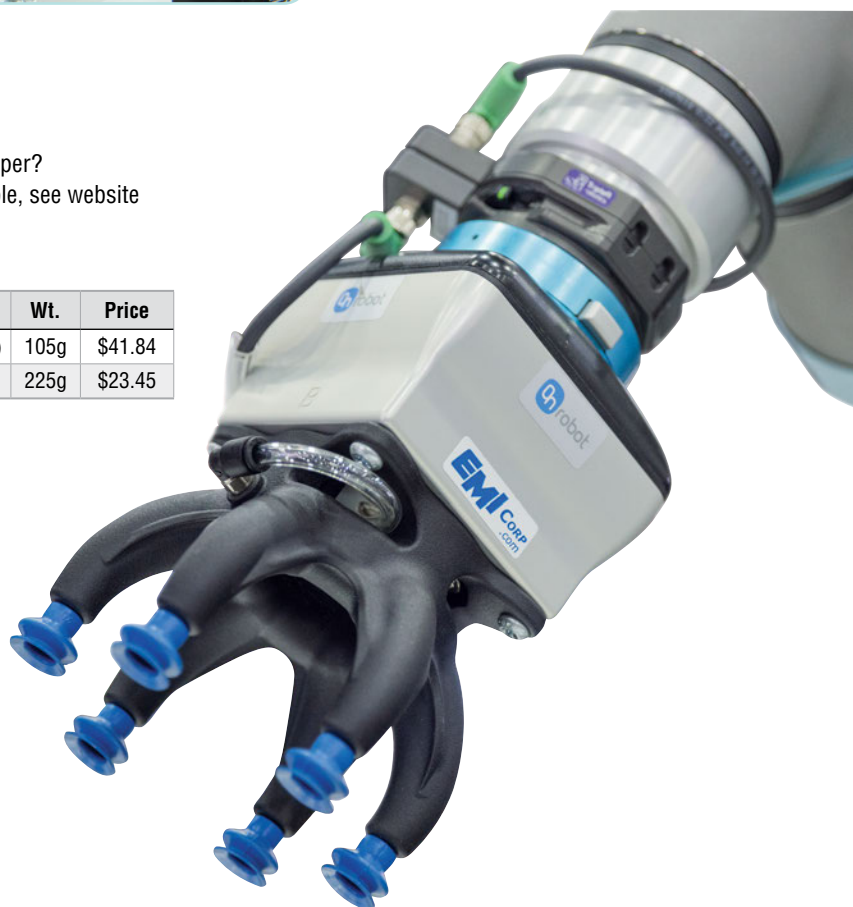
Quick#	Part#	Description	Wt.	Price
8271	CRM-0241-VGC10-4	Collaborative Plate (120 x 120mm)	105g	\$41.84
8270	CRM-0241-VGC10-1	Laser Cut Plate (125 x 150mm)	225g	\$23.45

OnRobot VG Gripper Filter Kit

Quick#	Part#	Price
8243	OR-100064	\$286.67

Box Includes:

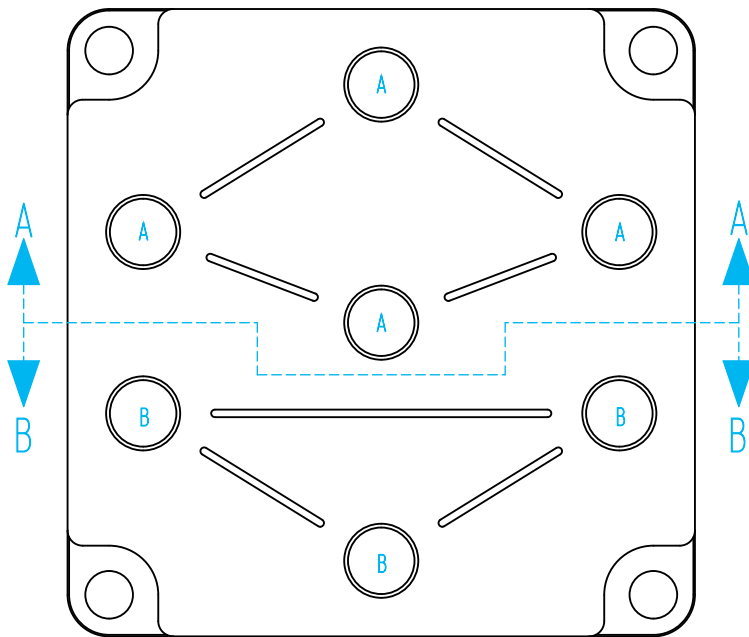
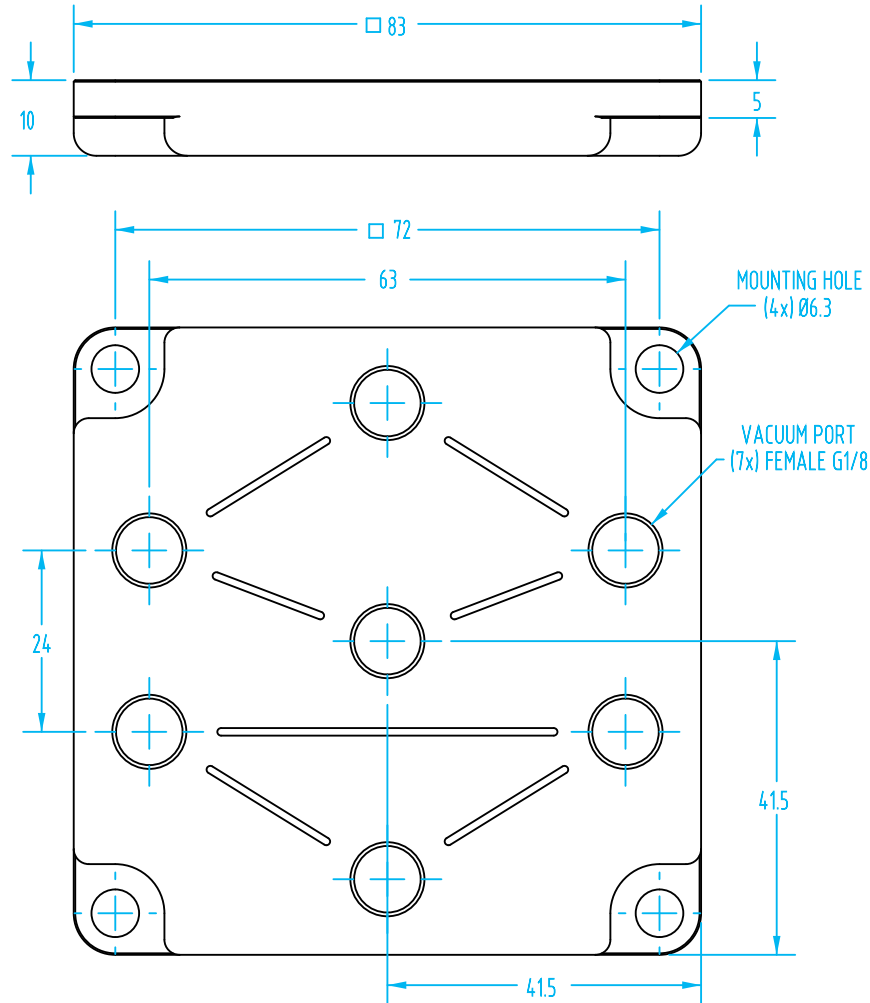
- Manual with instructions
- 16x Input filters
- 16x Filter fittings
- 16x O-rings
- Output filter
- O-ring for output filter
- Retaining ring
- 14mm spanner
- 3mm Hex key
- Loctite®



Customizable Electric Vacuum Gripper – OnRobot VGC10

(Dimensioned drawing shown full scale)

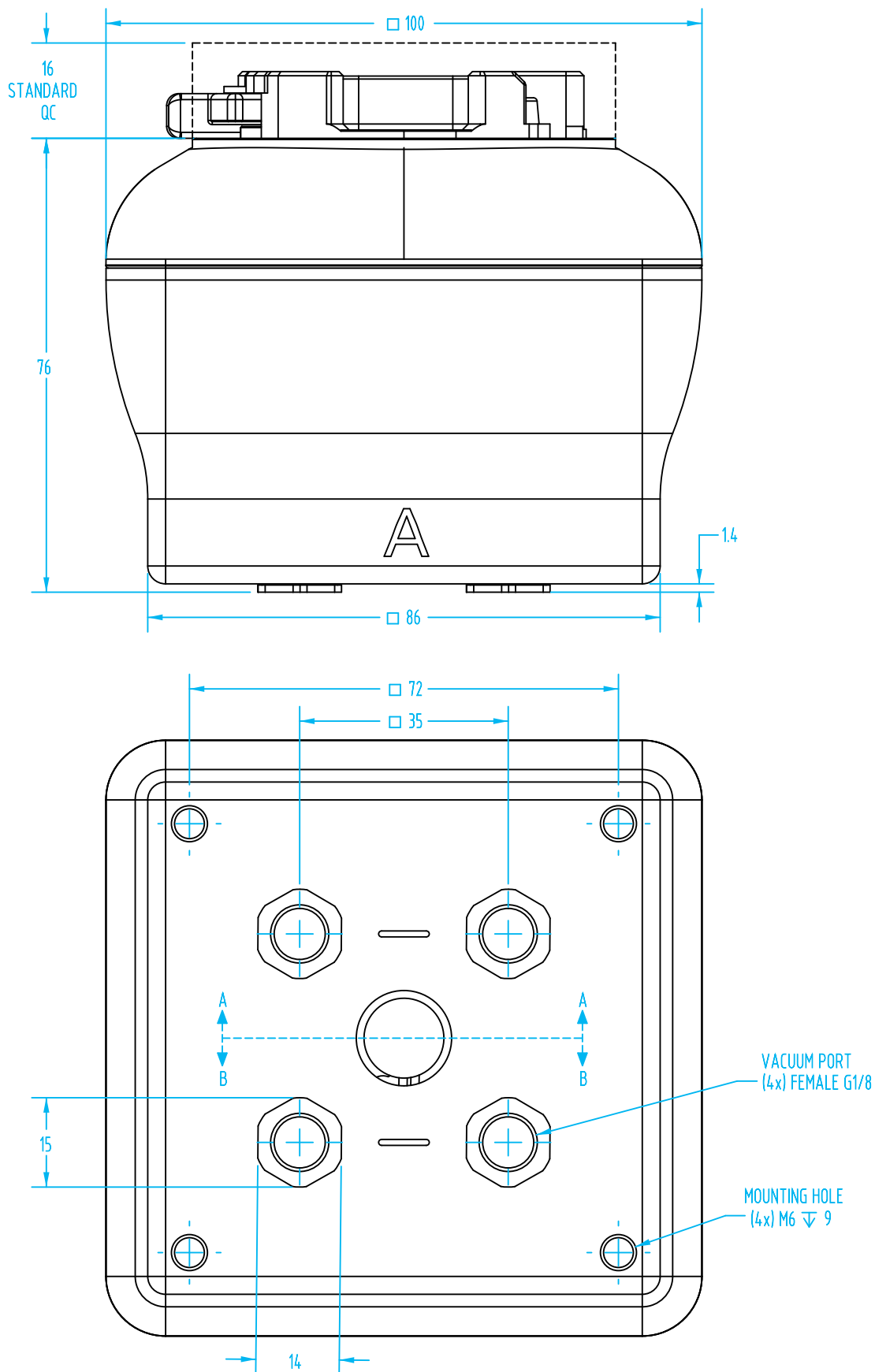
VGC10 Mounting Plate (Included):



PORTING LAYOUT OF THE INCLUDED VGC10 MOUNTING PLATE.
CHANNEL A - 4 PORTS, CHANNEL B - 3 PORTS.

Customizable Vacuum Gripper – OnRobot VGC10

(Dimensioned drawing shown full scale)



- CU
- QC
- VG
- VC
- VA
- SG
- GR
- MT
- AC
- CS
- CC