

- High vacuum flow and low air consumption**
- Wide operating pressure range**
- Modular construction provides application flexibility**
- Reduced installation, and maintenance**
- Intuitive programming interface**
- Automatic blow-off function**



Technical data

- Medium:
Lubricated or non-lubricated air filtered to 40 micron
- Vacuum level range:
0 to 86 kPa, maximum vacuum level attained at 5 bar
- Vacuum flow:
425 l/m at 5 bar
- Response time (at sea level):
Evacuates 28 litres to 50,8 -kPa in 3,3 seconds at 6 bar)
- Supply pressure:
Minimum 2,4 bar
Maximum 6,9 bar
- Supply requirements:
280 l/m at 5 bar
- Vacuum filter:
180 micron
- Operating temperature:
0 to 50°C
(consult our Technical Service for use below +2°C)
- Air consumption:
444 l/m at 4 bar, 534 l/m at 5 bar, 630 l/m at 6 bar
- Mounting:
Integral bracket provided for preferred vertical mounting
- Electrical connections:
5 pin M12, male, single key micro connector
- Pneumatic connections:
(1) Vacuum port: 3/4 NPT or ISO 'G'
(1) Pressure inlet: 3/8 NPT or ISO 'G'
(1) Gauge port: 1/8 NPT
- Sound level:
82 dBA

Materials

- Body: aluminum and zinc die-casting
Jet housing: polycarbonate
Seals: FPM, polyurethane, Buna-N
Weatherproofing: NEMA 4X
protection class IP60

Ordering information

See page 2

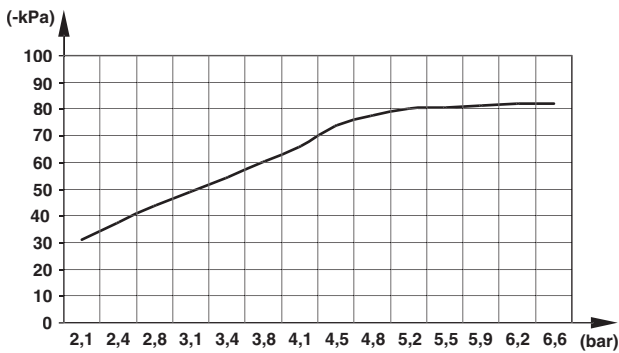
Options selector

VMAA-M200-★★★★★

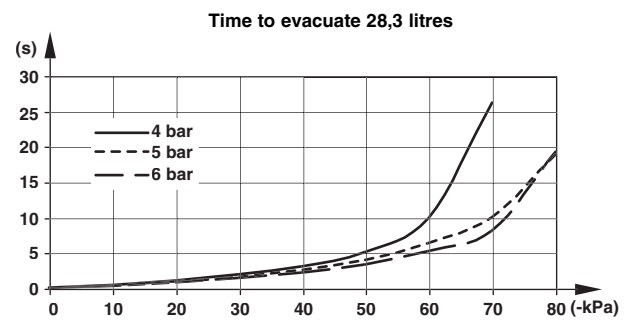
Product series Single channel, modular vacuum generator	←	Ports	Substitute
Size/flow of dump M200 = 2 jet module		NPT threaded ports	21
		ISO G threaded ports	11
		Variants	Substitute
		Solenoid controlled vacuum and blow-off	253
		Solenoid controlled vacuum and blow-off w/4-20 mA sensor feedback output	353
		Fully programmable digital unit	453

Performance data

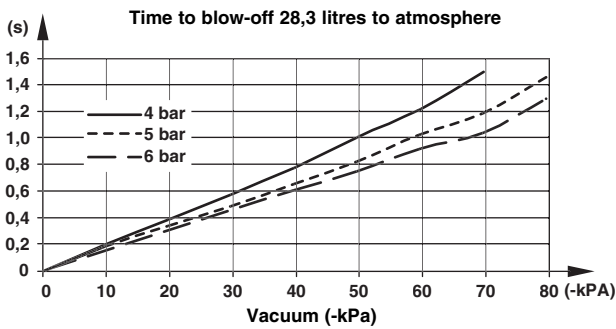
VMAA-M200-353★★



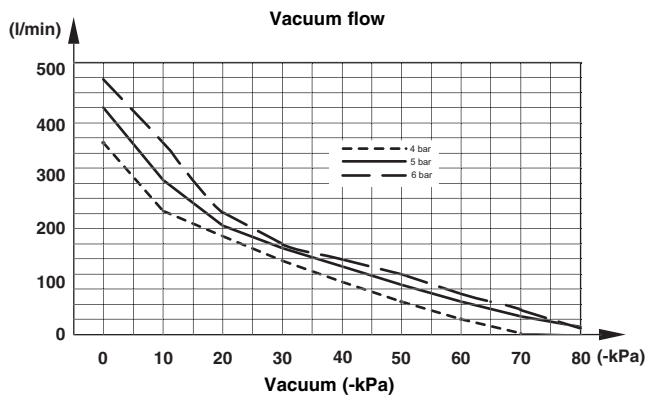
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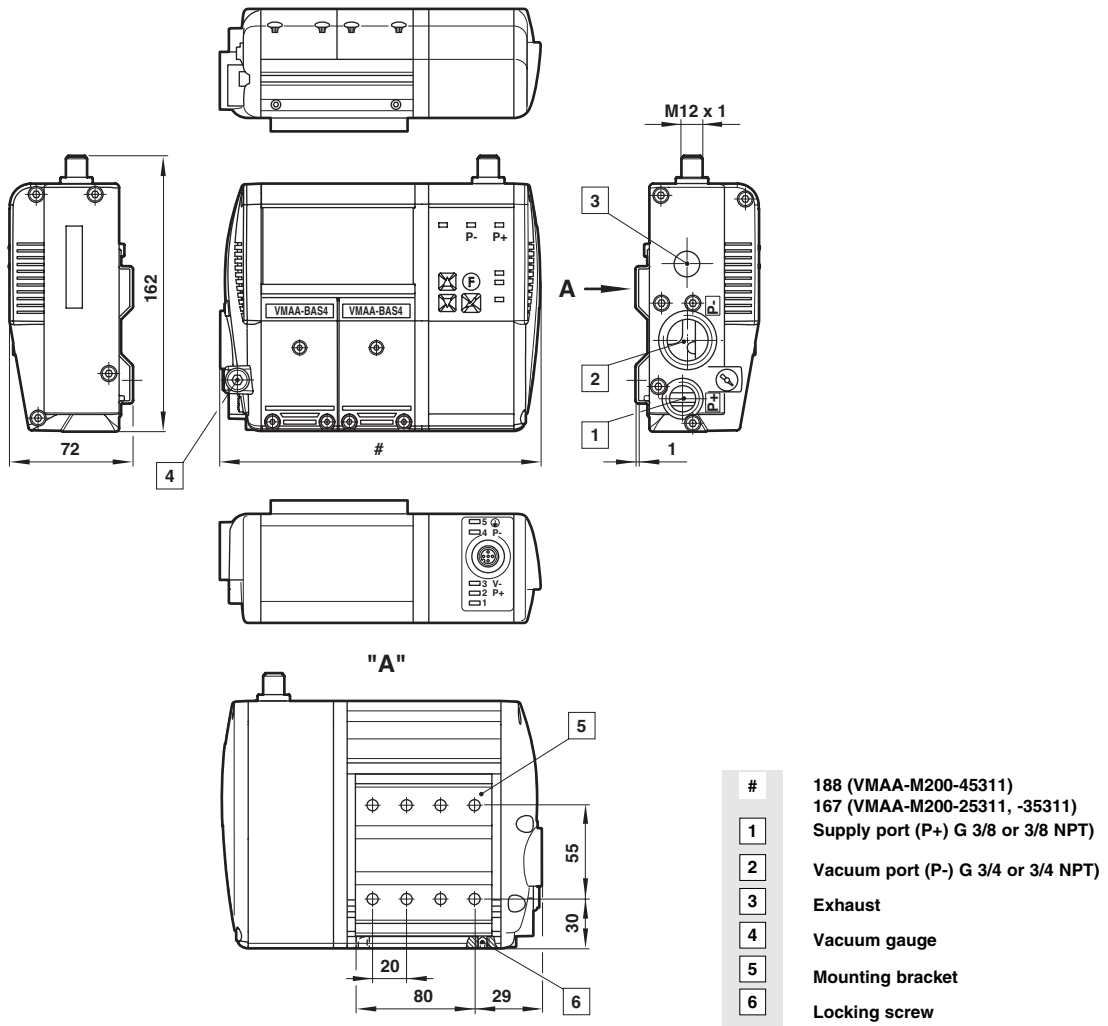
VMAA-M200-353★★



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Dimensions



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under ‘**Technical data**’.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.