21  Spot Sprayer & Diaphragm Pumps

22  Tow Behind Sprayers

13  High Pressure Backpack Power Sprayers
14  Backpack Power Mister

433  
423  

3  
433  
423  

SOLO PROFESSIONAL

NORTHSTAR SPOT

NORTHSTAR TOW BEHIND
Small, light and handy, yet robust and versatile – quality compact manual pressure sprayers 403 and 404.

A large filler neck enables the 1.25 l or 2.0 l tank to be filled cleanly and any residues can be easily drained.

The large pump lever can raise the internal pressure up to 2 bar. This lets you apply almost the entire content without additional pumping. The integral safety valve protects the appliance against excess pressure build-up.

Sample applications:
- Plant protection
  - For plants on balconies and patios
  - In backyard gardens
  - For decorative plants and shrubs

**MODEL 403 404**

<table>
<thead>
<tr>
<th>Piston pump</th>
<th>403</th>
<th>404</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity l</td>
<td>1.25</td>
<td>2</td>
</tr>
<tr>
<td>Max. spray pressure bar</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Safety valve</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Dry weight kg</td>
<td>0.5</td>
<td>0.6</td>
</tr>
</tbody>
</table>
Profiessional mini pressure sprayers, equipped for use in wide variety of applications.

The robust pump reaches the required operating pressure after just a few strokes. The high quality hollow cone nozzle is fully adjustable – from a direct jet to the finest mist.

The pivoting nozzle – a standard feature – makes spraying easy, even underneath leaves, for example. A flexible helper in the home and conservatory, for DIY projects and when protecting and caring for your car.

A telescopic wand, extendible to 58 cm, is available as an accessory (see page 15).

**Model Specifications:**

**Model 401:**
- **Piston pump:** present
- **Capacity l:** 1.0
- **Max. spray pressure bar:** 2
- **Safety valve:** present
- **Dry weight kg:** 0.4
- **Seals:** Viton

**Model 402:**
- **Piston pump:** present
- **Capacity l:** 2.0
- **Max. spray pressure bar:** 2
- **Safety valve:** present
- **Dry weight kg:** 0.5
- **Seals:** Viton

**Sample applications:**
- **Plant protection:**
  - For plants on balconies and patios
- **Cleaning:**
  - Automotive
  - Janitorial disinfection
  - House hold cleaners
  - Pest control

---

1. Pivoting nozzle
2. Pump lever
3. Comfortable trigger
4. Ergonomic handle
5. Large filling aperture
6. Moulded feet for a firm footing
7. Capacity 1.0 L (401) 2.0 L (402)
8. Robust Viton® seals
9. Automatic safety valve
Quality HOUSE & GARDEN sprayers designed for the Australian harsh environment. Large capacity, 5 l (408) and 7 l (409) and quality fittings makes the garden job just so easy.

Both models are equipped with the SOLO Comfort carrying and pump handles; a broad range of SOLO sprayer accessories (see page 13) is available for both.

The wide funnel-shaped neck aperture facilitates clean and easy filling and draining. The adjustable nozzle enables spray patterns ideal for each job.

1. Adjustable nozzle
2. 40 cm plastic wand (can be secured at the pump handle for transport and storage)
3. Ergonomic, large and robust handle that can also be gripped with gloves
4. Large, ergonomic handle
5. Safety valve
6. Light, transparent plastic tank with 5.0 l (408) or 7.0 l (409) capacity
7. Sound footing thanks to three support legs
8. 1.2 m hose
9. Metal pump lever

Sample applications:
- Plant protection
- For plants on balconies and patios
- Backyard gardens
- For decorative plants and shrubs
- Weed control

<table>
<thead>
<tr>
<th>MODEL</th>
<th>408</th>
<th>409</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity l (nominal volume)</td>
<td>5.0</td>
<td>7.0</td>
</tr>
<tr>
<td>Max. spray pressure bar</td>
<td>2.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Dry weight kg</td>
<td>1.2</td>
<td>1.4</td>
</tr>
<tr>
<td>Pump handle / wand can be secured</td>
<td>Metal / yes</td>
<td></td>
</tr>
<tr>
<td>Hose length m</td>
<td>1.2</td>
<td>1.2</td>
</tr>
<tr>
<td>Spray wand</td>
<td>Plastic, 40 cm</td>
<td></td>
</tr>
<tr>
<td>Nozzle</td>
<td>Adjustable nozzle</td>
<td></td>
</tr>
</tbody>
</table>
Gardening made easy: The large wheels of the SOLO 453 trolley sprayer make it easy to pull along, no lifting, whether moving through a garden or transporting. Yet the use of aluminium for the height-adjustable handle keeps the weight right down.

The dry weight is a mere 3.5 kg. Just a few pump strokes are enough to build the necessary pressure inside the 11 l tank. The robust and large handle is big enough to be securely gripped with gloves. The same applies to the handle with soft grip sleeve. A spiral hose provides the necessary reach.

**MODEL 453**

<table>
<thead>
<tr>
<th>Feature</th>
<th>453</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity l (nominal volume)</td>
<td>11</td>
</tr>
<tr>
<td>Max. spray pressure bar</td>
<td>2</td>
</tr>
<tr>
<td>Dry weight kg</td>
<td>3.5</td>
</tr>
<tr>
<td>Transport wheels</td>
<td>Yes</td>
</tr>
<tr>
<td>Handle height adjustment</td>
<td>Yes (locks without need for tools)</td>
</tr>
<tr>
<td>Hose length m</td>
<td>2.5 (spiral hose)</td>
</tr>
<tr>
<td>Spray wand</td>
<td>Plastic, 40 cm</td>
</tr>
<tr>
<td>Nozzle</td>
<td>SOLO adjustable nozzle</td>
</tr>
<tr>
<td>Seals</td>
<td>Viton</td>
</tr>
</tbody>
</table>

Sample applications:
- Plant protection
- Medium-sized and larger private gardens
- For decorative plants, shrubs and plantation
- Weed control

1. 2.5 m spiral hose
2. Ergonomically shaped, adjustable handle
3. Quick-acting closure by twisting the handle
4. Large pump lever for easy pumping; with spray wand clamping retainer
5. Adjustable aluminium handle with soft grip sleeve
6. Sturdy spray wand
7. Adjustable universal nozzle
8. Safety valve
9. Large piston pump for building pressure effectively
10. 11 l, UV-resistant, transparent tank for good visibility of media fill level
11. Transport wheels with good grip
With 3 bar operating pressure, SOLO pressure sprayers 461 and 462 are ideal for a variety of tasks in the garden and landscaping jobs.

To enable you to work uninterrupted for longer, versions with volumes of 5 l (461) and 7 l (462) are available. The large, smooth-acting 270 cm³ pump creates the necessary spray pressure. The wide filling aperture with facility to retain the spray wand, the generous filling and cleaning aperture and two spray nozzles supplied as standard (flat jet and hollow cone) – all located within a handy storage compartment cover – are just some of the features of these attractive pressure sprayers.

The polyethylene tank is UV-resistant and transparent so the fill level is easily visible and can be checked against the measuring scale.

**Sample applications:**
- Plant protection
- Landscape gardens
- Backyard gardens
- For decorative plants and shrubs
- Weed control

**MODEL** | **461** | **462**
--- | --- | ---
Capacity l (nominal volume) | 5.0 | 7.0
Max. spray pressure bar | 3.0 | 3.0
Dry weight kg | 1.2 | 1.5
Hose length m | 1.4 | 1.4
Spray wand | Plastic, 50 cm | Plastic, 50 cm
Nozzle | SOLO flat jet and hollow cone nozzle | SOLO flat jet and hollow cone nozzle
Seals | Viton | Viton

1. Flat jet & hollow cone nozzle
2. Flexible 50 cm polyethylene/synthetic fibre spray wand for the toughest mechanical and chemical applications
3. 3 bar automatic safety valve
4. Quick-acting closure by twisting the handle
5. Fixing system for spray wand
6. Large aperture for easy filling and large additional aperture for simple cleaning (79 mm)
7. Transparent, high pressure safety tank made from UV-resistant polyethylene
8. Comfortable handle with connection for optional pressure gauge and childproof lock

---

**SOLO 461 462**

**Capacity l (nominal volume)** 5.0 7.0
**Max. spray pressure bar** 3.0 3.0
**Dry weight kg** 1.2 1.5
**Hose length m** 1.4 1.4
**Spray wand** Plastic, 50 cm Plastic, 50 cm
**Nozzle** SOLO flat jet and hollow cone nozzle SOLO flat jet and hollow cone nozzle
**Seals** Viton Viton
These premium quality pressure sprayers are the right tool for professionals and offer 5 l, 7 l or 9 l capacity. A 340 cm³ pump generates a working pressure of 3 bar after astonishingly few strokes. The sprayers are extremely robust, easy to use and cleaning is straightforward. They have the reputation as being No.1 sprayers in the Australian market. The current fill level of spray medium can be checked easily and directly on the tank. These models possess some premium quality features such as spray wand over 50 cm long, robust handles with an optional pressure gauge and a selection of spray nozzles. UV-resistant plastics promise robustness and a long service life for these sprayers. The thick wall makes the tank almost indestructible.

Sample applications:
- Plant protection
  - In larger private gardens
  - For decorative plants, shrubs and plantations
- Weed control
- Cleaning
  - Janitorial disinfection
  - Pest control
- Trade applications

### Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>456</th>
<th>457</th>
<th>458</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity l (nominal volume)</td>
<td>5.0</td>
<td>7.0</td>
<td>9.0</td>
</tr>
<tr>
<td>Max. spray pressure bar</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>Dry weight kg</td>
<td>2.5</td>
<td>2.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Hose length m</td>
<td>1.4m</td>
<td>1.4m</td>
<td>1.4m</td>
</tr>
<tr>
<td>Spray wand</td>
<td>Plastic, 50 cm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nozzle</td>
<td>SOLO flat jet and hollow cone nozzle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seals</td>
<td>Viton</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Flat jet & hollow cone nozzle
2. Clamps for securing plastic and brass spray wands
3. Quick-acting closure by twisting the handle
4. Safety valve automatically compensates in the case of excess pressure inside the tank
5. Extra large piston pump – operating pressure achieved after just a few pump strokes
6. Robust spray wand
7. Practical strap
8. Clearly visible spray medium level
9. Ergonomically shaped handle
The uncomplicated design of the new Backpack Sprayer SOLO Nova 424 presents a reliable, practical and comfortable product. The sprayer fulfils the basic requirements for demanding use in the trade and with semi-professional operators. For the intensive use in the plant protection industry. Suitable for the application of all approved plant protection chemicals. Robust and maintenance friendly design.

1. The pumping procedure is efficient and easy due to a smooth power transfer system via a double push rod.

2. The pump system incorporates an effective mixing system. While pumping, the liquid in the tank is constantly swirled and mixed.

3. The tank and the base are anatomically shaped similar to the human spine. In conjunction with comfortable shoulder straps, the ease of carrying the unit is significantly increased. This is a huge advantage for operational comfort and safety.

4. An integrated and robust handle assists with comfortable transport and easy emptying.

5. The internal, large volume pump system is centrally located and sealed with a low wear pleated hose. This arrangement prevents potential leakages and reduces maintenance.

6. The diameter of the large tank filling aperture is 124 mm with a quick locking lid. The large inlet filter is easily removed.

7. A stable tank base ensures good footing, also on uneven surfaces.

8. Pump lever suitable for LH/ RH operation with position for transport /storage

<table>
<thead>
<tr>
<th>MODEL</th>
<th>424</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity l (nominal volume)</td>
<td>16</td>
</tr>
<tr>
<td>Max. spray pressure bar</td>
<td>4.0</td>
</tr>
<tr>
<td>Dry weight kg</td>
<td>5.1</td>
</tr>
<tr>
<td>Hose length m</td>
<td>1.3m</td>
</tr>
<tr>
<td>Spray wand</td>
<td>Plastic, 50 cm</td>
</tr>
<tr>
<td>Pump type</td>
<td>Internal piston pump</td>
</tr>
<tr>
<td>Equipment</td>
<td>Adjustable universal hollow cone nozzle</td>
</tr>
</tbody>
</table>
1. Impressive spray performance, two nozzles as standard
2. Individual pump lever mounting for right/left-handed users
3. Robust spray wand
4. Wide, padded and comfortable straps with strain relief
5. Large filling and cleaning aperture
6. Longer hose for extended reach
7. Handle with ergonomically shaped finger grips
8. Manual valve with pressure gauge connection for precisely metered spray volume (not standard)
9. Ergonomic tank design:
   - High quality plastic resistant to UV rays
   - Non-pressurised tank with inner air chamber
   - Fill level markings
   - Low inherent weight
   - Clearly visible spray medium level
10. Stable tank frame

### MODEL 425LC

<table>
<thead>
<tr>
<th>Feature</th>
<th>425LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump type piston/diaphragm</td>
<td>-/ -</td>
</tr>
<tr>
<td>Tank capacity l</td>
<td>15</td>
</tr>
<tr>
<td>Max. spray pressure bar</td>
<td>6</td>
</tr>
<tr>
<td>Manual spray pressure adjustment</td>
<td>●</td>
</tr>
<tr>
<td>Folding Handle</td>
<td>●</td>
</tr>
<tr>
<td>Dry weight kg</td>
<td>4.5</td>
</tr>
<tr>
<td>Seals</td>
<td>Viton</td>
</tr>
</tbody>
</table>
CLASSIC BACKPACK SPRAYERS

1. Impressive spray performance, two nozzles as standard
2. Ergonomically refined, rotating, length-adjustable pump lever (Comfort Range Only) individual pump lever mounting for right/left-handed users
3. Robust spray wand
4. Wide, padded and comfortable straps with strain relief
5. Large filling and cleaning aperture
6. Longer hose for extended reach
7. Handle with ergonomically shaped finger grips
8. Manual valve with pressure gauge connection for precisely metered spray volume (not standard)
9. Carrying handle with spray wand retainer (Comfort Range Only)
10. Ergonomic tank design:
   - High quality plastic resistant to UV rays
   - Non-pressurised tank with inner air chamber
   - Fill level markings
   - Low inherent weight
   - Clearly visible spray medium level
11. Easy-action pump
12. Stable tank frame

MODEL 473D
Pump type piston/diaphragm - / -
Tank capacity l 10
Max. spray pressure bar 4
Dry weight kg 4.3
Seals Viton
SOLO is the No.1 backyard sprayer on the Australian market, No.1 used by City Councils, Contract Gardeners, Nursery Professionals and Rural Farmers.

Sample applications:
- Plant protection
  - Large private gardens, decorative plants, shrubs and plantations
  - Public gardens and landscaping, greenhouses
  - Weed control
  - Agricultural crops
- Agriculture (diaphragm models)
  - Herbicides
  - Disinfection, pest control
- Woodland maintenance
  - Plant care

<table>
<thead>
<tr>
<th>MODEL</th>
<th>425 Comfort</th>
<th>475 Comfort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump type piston/diaphragm</td>
<td>- / -</td>
<td>- / -</td>
</tr>
<tr>
<td>Tank capacity l</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Max. spray pressure bar</td>
<td>4/6 (with plug)</td>
<td>4</td>
</tr>
<tr>
<td>Manual spray pressure adjustment</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Folding Handle</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dry weight kg</td>
<td>4.5</td>
<td>4.7</td>
</tr>
<tr>
<td>Seals</td>
<td>Viton</td>
<td>Viton</td>
</tr>
</tbody>
</table>
The SOLO 414 residential sprayer. These sprayers are lightweight and require no pumping, which makes an already-simple operation even simpler. Moreover, the unit incorporates a carrying system for your additional comfort. An easy grip shut-off valve reduces fatigue, while a battery compartment on the side of the sprayer allows for no-fuss removal of the Li-lo battery.

UV resistant tank with 10l nominal volume

The 10.8V/2.5Ah Li-lo battery allows approx. 3.5 hrs of spraying. The recharge time for the battery is 2.5 hrs.

Large opening and lid with carrying handle

Adjustable nozzle

40cm robust wand and shut-off valve assembly

Long spray hose

**MODEL**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total capacity</td>
<td>10l</td>
</tr>
<tr>
<td>Voltage</td>
<td>10.8 V</td>
</tr>
<tr>
<td>Current flow</td>
<td>0.75 A</td>
</tr>
<tr>
<td>Battery capacity</td>
<td>2.5 Ah</td>
</tr>
<tr>
<td>Working time</td>
<td>3.5 hrs</td>
</tr>
<tr>
<td>Charging time</td>
<td>2.5 hrs</td>
</tr>
<tr>
<td>Flow</td>
<td>1.15 l/min</td>
</tr>
<tr>
<td>Output</td>
<td>241l</td>
</tr>
<tr>
<td>Net Weight</td>
<td>2.75 kg</td>
</tr>
</tbody>
</table>

Sample applications:

- Plant protection
  - Large private gardens, decorative plants, shrubs and plantations
  - Weed control
Work efficiency and easy operation are achieved by the SOLO premium 12 V battery powered backpack sprayer. Free of emissions and whisper-quiet, spray from a 18 l transparent tank made from very strong UV-resistant plastic. Powerful 12 V pump, switchable to two speeds with up to 4.3 bar pressure delivering both the pressure and throughput you need. The low dry weight guarantees tireless working.

In addition, the 417 is equipped with a comfortable padded backpack support frame with wide shoulder straps that are also padded.

**Sample applications:**
- Plant protection
- Contract gardens & City Council
- Large private gardens, decorative plants, shrubs and plantations
- Public gardens and landscaping, greenhouses
- Weed control
- Horticultural plantations

**Model 417**
- Rating: 12 V / 7 Ah
- Nominal volume: 18 l
- Flat jet nozzle
- Spray pressure:
  - I: 2.5 bar
  - II: 4.3 bar
- Spray volume:
  - I: 1.07 l/min
  - II: 1.42 l/min
- Dry weight kg: 7.8
- Standard supply: Pressure gauge
- Battery operating time:
  - I: 3.7 hrs
  - II: 2.3 hrs
- Recharge time: 8 hrs

**Features:**
1. Durable 500 mm spray wand
2. Robust manual valve with dampened pressure gauge
3. Large filling and cleaning aperture
4. Integrated tank fill level scale
5. Ergonomically shaped 18 l tank made from UV-stabilised plastic with comfortable padded backpack frame, wide shoulder strap and waist strap
6. 1500 mm long hose
7. Robust 12 V pump fitted inside an impact-resistant enclosure; pressure and spray volume selectable in two speeds
SOLO 433 pressure sprayers feature a genuine Honda 4-stroke engine with plenty of power: The adjustable operating pressure of the push-pull piston pump reaches up to 30 bar, enabling this unit to deliver the finest spray – even high up – at a flow rate of up to 2 l/min. Long working stretches without refilling are ensured by capacities of 20 litres. A practical drain connector underneath the container enables complete draining of residual liquid. The 433 is equipped with a 50 cm stainless steel spray wand and a pressure gauge on the sturdy, quick-release handle, which allows the pressure to be matched to any application. Supplied with a high quality, double flat-jet nozzle, with stainless steel nozzle discs. With the right accessories you can discover the powerful advantages of this motorised sprayer.

### MODEL 433

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine</strong></td>
<td>Honda GX 25 4-stroke</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>25 cm³</td>
</tr>
<tr>
<td><strong>Sound pressure level</strong></td>
<td>82 dB(A)</td>
</tr>
<tr>
<td><strong>Sound power level</strong></td>
<td>95 dB(A)</td>
</tr>
<tr>
<td><strong>Vibration value</strong></td>
<td>≤ 2 m/s²</td>
</tr>
<tr>
<td><strong>Nominal volume</strong></td>
<td>20 l</td>
</tr>
<tr>
<td><strong>Stainless steel double nozzle</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Max. adjustable spray pressure</strong></td>
<td>Up to 30 bar</td>
</tr>
<tr>
<td><strong>Spray volume l/min with standard nozzle</strong></td>
<td>1.0 l at 5 bar</td>
</tr>
<tr>
<td></td>
<td>1.7 l at 10 bar</td>
</tr>
<tr>
<td></td>
<td>2.0 l at 20 bar</td>
</tr>
<tr>
<td></td>
<td>2.4 l at 30 bar</td>
</tr>
<tr>
<td><strong>Weight (dry)</strong></td>
<td>8.3 kg</td>
</tr>
<tr>
<td><strong>Pressure gauge</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Standard delivery</strong></td>
<td>Stainless steel spray wand</td>
</tr>
</tbody>
</table>

**Sample applications:**

- Plant protection
  - Tall plantings, such as trees and larger shrubs
  - Fruit trees
- Agriculture
  - Crops
- Public gardens and landscaping

**ied by HONDA.**
SOLO misters are amongst the most popular in the world. They are right at home and have become indispensable in agriculture, horticulture, pest control, woodland maintenance, public parks and green areas, amongst fruit and vine growers and in coffee and cocoa plantations in Africa and South America.

This success does not come out of the blue: Firstly, misters from SOLO have an impressive spraying capacity as well as being light. These characteristics make them the environmentally responsible choice for the economical protection of all woodland and crop plantations anywhere in the world. Secondly, plant protection sprayers from SOLO are remarkably robust and easy to handle. Thanks to all these benefits, they have been helping to bring about high yields around the globe for many years. In this, advanced engine technology from SOLO ensures low fuel consumption, reduced exhaust gas emissions and high performance in continuous use – even when it gets very hot.

In addition to plant protection, these sprayers can also be used for disinfection, parasite control in animal herds, in stables, storage areas, ships and containers.

The range of accessories (see page 16) makes the SOLO mister, even more versatile. For example, a dusting attachment turns the PORT 423 mister into a dusting machine.

If you need to increase the reach of SOLO misters, simply equip them with a liquid booster pump. This enables the use of longer spray wands, whilst keeping the spray pattern and spray volume constant.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>423 PORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine</td>
<td>SOLO 2-stroke</td>
</tr>
<tr>
<td>Capacity</td>
<td>72.3 cm³</td>
</tr>
<tr>
<td>Rating</td>
<td>3.0 kW / 4.1 HP</td>
</tr>
<tr>
<td>Sound pressure level</td>
<td>97 dB(A)</td>
</tr>
<tr>
<td>Sound power level</td>
<td>110 dB(A)</td>
</tr>
<tr>
<td>Vibration value</td>
<td>≤ 6.3 m/s²</td>
</tr>
<tr>
<td>Tank capacity</td>
<td>12 l</td>
</tr>
<tr>
<td>Max. air delivery</td>
<td>1400 m³/h</td>
</tr>
<tr>
<td>Max. air coverage</td>
<td>12 m</td>
</tr>
<tr>
<td>Weight (dry)</td>
<td>11.0 kg</td>
</tr>
<tr>
<td>Standard delivery</td>
<td>SOLO special misting nozzle with 4 settings, long reach nozzle, wide angle grill, deflector nozzle and double sided screen</td>
</tr>
</tbody>
</table>
# ACCESSORIES FOR PRESSURE AND BACKPACK SPRAYERS

<table>
<thead>
<tr>
<th>POS</th>
<th>WANDS</th>
<th>PART NO.</th>
<th>403</th>
<th>404</th>
<th>408</th>
<th>409</th>
<th>401</th>
<th>402</th>
<th>461</th>
<th>462</th>
<th>463</th>
<th>456</th>
<th>457</th>
<th>425</th>
<th>LC</th>
<th>473</th>
<th>D</th>
<th>417</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Telescopic wand approx. 25 – 50 cm. Extension for the 401/402 manual sprayers for comfortable work low down or overhead.</td>
<td>49 00 628</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>2</td>
<td>Spray wand 50 cm. Universal spray wand made from special, durable plastic.</td>
<td>49 00 230P</td>
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<tr>
<td>3</td>
<td>Extension wand 50 cm. For increased range.</td>
<td>49 00 513</td>
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<tr>
<td>4</td>
<td>Spray wand, brass, 50 cm. Recommended for use with spray boom.</td>
<td>49 00 519</td>
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<tr>
<td>5</td>
<td>Spray wand, brass, 75 cm. Recommended for use with spray boom or drift guard near ground level.</td>
<td>49 00 428</td>
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<tr>
<td>6</td>
<td>Telescopic spray wand, brass 57 - 100 cm. Universal application by adjusting the spray wand length.</td>
<td>49 00 478</td>
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<tr>
<td>7</td>
<td>Tree spray wand, 2-part, brass, 150 cm. Increases reach, e.g. for espaliered trees, high shrubs, etc.</td>
<td>49 00 528</td>
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<tr>
<td>8</td>
<td>Tree spray wand, carbon, 120 cm. Total weight only 60 g. Made from ultra-light carbon fibre for light work.</td>
<td>49 00 449</td>
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<tr>
<td>9</td>
<td>Telescopic spray wand, carbon, 120 - 230 cm. Made of ultra lightweight carbon fibre for easier spraying in high places; total weight only 120 g.</td>
<td>49 00 445</td>
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<tr>
<td>10</td>
<td>Telescopic spray wand, carbon, 60 - 120 cm, 75 g.</td>
<td>49 00 457</td>
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<tr>
<td>11</td>
<td>Manual valve set Manual valve with pressure gauge connection, childproof lock and regular use by professionals</td>
<td>48 00 170P</td>
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<tr>
<td>12</td>
<td>Pressure gauge with connection fittings For spray pressure control. Precision application of spray medium with the required pressure.</td>
<td>49 00 356</td>
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<tr>
<td>13</td>
<td>Spray boom, 60 cm, with 2 nozzles, convenient treatment of double rows and large areas.</td>
<td>49 00 514</td>
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<tr>
<td>14</td>
<td>Aluminium spray boom, 120 cm, with 4 nozzles for treating large areas. Extremely light for carrying on the front or back with backpack sprayers. May be used with all SOLO spray wands for manual sprayers.</td>
<td>49 00 299</td>
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<tr>
<td>15</td>
<td>Universal spray wand 70 cm.</td>
<td>49 00 170N</td>
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</tbody>
</table>

### Diagrams

1. **Telescopic wand approx. 25 – 50 cm.**
2. **Spray wand 50 cm.**
3. **Extension wand 50 cm.**
4. **Spray wand, brass, 50 cm.**
5. **Spray wand, brass, 75 cm.**
6. **Telescopic spray wand, brass 57 - 100 cm.**
7. **Tree spray wand, 2-part, brass, 150 cm.**
8. **Tree spray wand, carbon, 120 cm.**
9. **Telescopic spray wand, carbon, 120 - 230 cm.**
10. **Telescopic spray wand, carbon, 60 - 120 cm, 75 g.**
11. **Manual valve set.**
12. **Pressure gauge with connection fittings.**
13. **Spray boom, 60 cm, with 2 nozzles.**
14. **Aluminium spray boom, 120 cm, with 4 nozzles.**
15. **Universal spray wand 70 cm.**
### Accessories for Pressure and Backpack Sprayers

#### Nozzles and Drift Guards

<table>
<thead>
<tr>
<th>POS</th>
<th>Nozzles and Drift Guards</th>
<th>Part No.</th>
<th>403</th>
<th>404</th>
<th>408</th>
<th>409</th>
<th>453</th>
<th>414</th>
<th>401</th>
<th>402</th>
<th>461</th>
<th>462</th>
<th>463</th>
<th>456</th>
<th>457</th>
<th>425</th>
<th>425 LC</th>
<th>473 D</th>
<th>475</th>
<th>417</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Complete nozzle set, comprising 3 nozzles. Universal application.</td>
<td>06 10 408P</td>
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<tr>
<td>2</td>
<td>High reach spray nozzle, plastic Adjusts from fine mist to long jet.</td>
<td>49 00 527</td>
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<tr>
<td>3</td>
<td>High reach spray nozzle, brass Adjusts from fine mist to long jet; enables pinpoint accuracy over a greater distance.</td>
<td>49 00 206 NZ</td>
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<tr>
<td>4</td>
<td>Drift guard, with flat jet nozzle F 02-80 To protect adjacent rows. Prevents drift of fine droplets; limits spraying range. Important for tackling weeds in the immediate vicinity of cultivated plants and ponds.</td>
<td>49 00 430</td>
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<tr>
<td>5</td>
<td>Dual nozzle with nozzle set 2 swivelling nozzles for simultaneous spraying of two rows of plants. Versatile nozzle applications.</td>
<td>49 00 477</td>
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<tr>
<td>6</td>
<td>3 in 1 sprayer nozzle</td>
<td>40 74 666P</td>
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<tr>
<td>7</td>
<td>Clear Drift Guard F 02-80 nozzle</td>
<td>49 00 580</td>
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</tbody>
</table>

#### Sets of Seals

| POS | Sets of Seals | Part No. | 403 | 404 | 408 | 409 | 453 | 414 | 401 | 402 | 461 | 462 | 463 | 456 | 457 | 425 | 425 LC | 473 D | 475 | 417 |
|-----|---------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | Set of seals, incl. all sealing parts for stated sprayer types | 49 00 403K | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |
| 2   | Set of seals, incl. all sealing parts for stated sprayer types | 49 00 405K | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |
| 3   | Set of seals, incl. all sealing parts for stated sprayer types. | 06 10 407K | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |
| 4   | Set of seals, incl. all sealing parts for stated sprayer types. | 06 10 406K | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |
| 5   | Hand peice repair kit | 06 10 402K | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |
| 6   | O-Ring kit | O-RING KIT | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |

#### Other Accessories

| POS | Other Accessories | Part No. | 403 | 404 | 408 | 409 | 453 | 414 | 401 | 402 | 461 | 462 | 463 | 456 | 457 | 425 | 425 LC | 473 D | 475 | 417 |
|-----|-------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | Plant sprayer cleaner in a metering bottle, 500 ml | 49 00 600 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |
| 2   | Extra heavy duty harness | 49 00 599 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |
**Granulate Spreaders**

1. **Large filling and cleaning aperture**
   - Seeds, fertiliser (e.g. after scarifying), gritting salt, oil absorbers, cleaning agents, pelleted lime, bird seed, stock feed, sand, fire ants, etc.
   - The integral agitator ensures even distribution onto the steadily rotating spreader disc driven by the manual crank.
   - Up to 9 kg of granulated matter can be applied where specifically required, even on difficult terrain – for example where a wheeled appliance would be unsuitable.
   - The spreader is carried in front of the body by means of an adjustable strap. The large hopper aperture makes filling easy, whilst the large screw top protects users from harmful dust.

2. **Tight dust cap prevents the ingress of dust**
   - The application is in the principle. Pull the Granomax around your back and start spreading. Spot treat, broadcast, in small corners of your garden lawn areas, paths and driveways – and many more applications.
   - The unique designed spread head guarantees an even spreading of a wide range of materials.
   - With easy lateral movements, width up to 2 m can be evenly covered with spreading material.
   - With Granomax, spreading becomes as easy as watering plants.

3. **Shoulder strap**
   - The spreader allows (due to the clever geometry) even spreading in any situation.

4. **Large 9 litre tank**
   - 5-stage flow rate control allows an accurate dosing.

5. **Robust integral agitator**
   - Viewing window granule flow.

6. **Spreader disc with large fins for excellent filling with granulate and even application**
   - Dust proof 6.5 litre bag (approx. 5 kg granular fertilizer) bag with large opening and zip closure.

7. **Easy-to-operate manual crank**
   - The clever carrying system enables by simply shifting the bag/belt. A continuously and uncomplicated adjustment of the spreader height.
ACID SPRAYERS pH scale 1-7 (FKM)

Benefits of all SOLO CLEANLine sprayers:
- The container is resistant against UV ray impact, transparent and robust
- High value seals fitted to all parts that come in contact with spray liquid
- Ergonomically shaped operating components
- Efficient and sturdy pumps for quick and effortless pressure build up
- Resistant plastic parts shaped from non-corrosive material

CLEANLine 301A/302A - FKM
- Light and sturdy, translucent containers with easily visible fill volume graduation and large filler opening
- Smooth, sealed pump with large pump handle for quick and efficient pressure build-up to max. 3 bar
- Safety valve for pressure release to empty container
- Adjustable universal spray nozzle
- Ergonomically shaped and robust handle grip for good hold, also with gloves
- Secure balance with three base footings and conical container shape

CLEANLine 305A/307A - FKM
- Large size piston pump - operating pressure is attained with few pump strokes
- Large filling aperture - quick closing by turning pump handle with integrated spray wand holder
- Safety pressure release valve
- High value, chemical resistant flat spray nozzle
- Practical, long and wide carrying strap
- With a 7mm wall thickness extremely robust yet light and with easily visible fill level markings
- Ergonomically shaped hand valve and strong fabric reinforced delivery hose

CLEANLine 315A - FKM
- Large filling and cleaning tank aperture
- Carrying handle with integrated spray wand holder
- Ergonomically shaped tank with strong base frame
- Comfortable hand value for precisely metered spray volume
- Long delivery allows more spray distance
- High value, chemical resistant flat spray nozzle
- Smooth, effective piston pump with 4-stage, manual spray pressure adjustment
- Wide, comfortable and padded carrying straps with tension release
# ALKALINE SPRAYERS pH scale 7-14 (EPDM)

**301B**

**302B**

**CLEANLine 301B/302B - EPDM**
- Light and sturdy, translucent containers with easily visible fill volume graduation and large filling aperture
- Smooth, sealed pump with large pump handle for quick and efficient pressure build-up to max. 3 bar
- Safety valve for pressure release to empty container
- Adjustable universal spray nozzle
- Ergonomically shaped and robust handle grip for good hold, also with gloves
- Secure balance with three base footings and conical container shape

<table>
<thead>
<tr>
<th>MODEL</th>
<th>301A</th>
<th>302A</th>
<th>305A</th>
<th>307A</th>
<th>315A</th>
<th>301B</th>
<th>302B</th>
<th>305B</th>
<th>307B</th>
<th>301FA</th>
<th>301FB</th>
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<tbody>
<tr>
<td>Nominal volume l</td>
<td>1.25</td>
<td>2.0</td>
<td>5.0</td>
<td>7.0</td>
<td>15.0</td>
<td>1.25</td>
<td>2.0</td>
<td>5.0</td>
<td>7.0</td>
<td>2.0</td>
<td>2.0</td>
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<tr>
<td>Spray pressure (bar)</td>
<td>3.0</td>
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<td>4.0</td>
<td>3.0</td>
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<td>0.5</td>
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<td>4.5</td>
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<td>2.6</td>
<td>2.8</td>
<td>0.6</td>
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<tr>
<td>Spray wand</td>
<td>-</td>
<td>50cm plastic, non-corrosive</td>
<td>-</td>
<td>50cm plastic, non-corrosive</td>
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<tr>
<td>Carrying system</td>
<td>-</td>
<td>shoulder strap backpack</td>
<td>-</td>
<td>shoulder strap</td>
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<tr>
<td>Nozzles</td>
<td>SOLO universal hollow cone nozzle, adjustable</td>
<td>SOLO flat spray nozzle</td>
<td>SOLO universal hollow cone nozzle, adjustable</td>
<td>SOLO flat spray nozzle</td>
<td>SOLO flat spray nozzle</td>
<td>SOLO special flat spray nozzle</td>
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**307B**

**305B**

**CLEANLine 305B/307B - EPDM**
- Large size piston pump - operating pressure is attained with few pump strokes
- Large filling aperture - quick closing by turning pump handle with integrated spray wand holder
- Safety pressure release valve
- High value, chemical resistant flat spray nozzle
- Practical, long and wide carrying strap
- With a 7mm wall thickness extremely robust yet light and with easily visible fill level markings
- Ergonomically shaped hand valve and strong fabric reinforced delivery hose

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**301FA**

**301FB**

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**Clayton Sprayers**
FOAM SPRAYERS ACIDIC & ALKALINE

301FA

CLEANLine 301FA

**FOAM FKM**
- FKM seal quality for acidic liquids
- Light, sturdy and translucent containers with easily visible fill volume graduation and larger filling aperture
- Smooth, sealed pump with large pump handle for quick efficient pressure build-up to max. 3 bar
- Safety valve for pressure release to empty container
- Special, adjustable flat spray nozzle with foaming function
- Ergonomically shaped and robust handle grip for good hold, also with gloves
- Secure balance with three base footings
- High value, special flat spray nozzle

301FB

CLEANLine 301FB

**FOAM EPDM**
- EPDM seal quality for alkaline liquids
- Light, sturdy and translucent containers with easily visible fill volume graduation and larger filling aperture
- Smooth, sealed pump with large pump handle for quick efficient pressure build-up to max. 3 bar
- Safety valve for pressure release to empty container
- Special, adjustable flat spray nozzle with foaming function
- Ergonomically shaped and robust handle grip for good hold, also with gloves
- Secure balance with three base footings
- High value, special flat spray nozzle

World Innovation varioFOAM

No interchange of felt inserts, no changing of nozzle, no unnecessary contact with the spray medium.

With the SOLO patented foaming nozzle varioFOAM the moisture level in the foam can be endlessly adjustable by turning an adjustment wheel even while working.

The wheel is large and comfortable to use, also with gloves. The embossed graduation offers exact adjustment possibilities:

**Dry:** The foam is drier and therefore more consistent.

**Wet:** A gel-like foam with higher moisture content is produced.
NorthStar is a proven name in spot spraying in the USA and European market. New to Australia it combines quality at an affordable price. Supported by a world manufacture NorthStar will become a leader in product and support in our industry.

- 100% continuous duty rating
- Santoprene™ diaphragm and Viton® valves for superior reliability and chemical resistance
- Spray gun nozzle adjusts from cone to stream
- 4.5 m clear poly vinyl chloride hose makes monitoring chemical flow simple
- 152 mm, diameter tank lid for easy fills
- Includes remote switch with battery clips
- 200 L Sprayer also available with:
  - 2272Q, 8.3 LPM, 483Kpa (70psi)
  - 3062Q, 11.3 LPM, 414Kpa (60psi)

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The versatile, high-end NorthStar® Tow-Behind Sprayer gives you the ability to do both precision and wide-coverage spraying. Equipped with a commercial-grade 12V NorthStar® NSQ Series™ pump, it provides easier priming, exceptional durability and superior resistance to harsh environments and corrosive chemicals.

- Proprietary tank design features extra-thick walls made with special chemical and UV resistant polymer
- In-line fuse protection
- Compatible with Roundup® agricultural herbicide
- Control system pressure and fluid agitation with regulator and pressure gauge
- Spring loaded breakaway boom arms fold away for compact storage
- 30cm Pneumatic wheels for easy towing
- Tank is UV resistant and compatible with almost all pesticides

### Tow Behind Sprayer

<table>
<thead>
<tr>
<th>MODEL</th>
<th>49L</th>
<th>79L</th>
<th>117L</th>
<th>155L</th>
<th>231L</th>
<th>383L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (L)</td>
<td>49</td>
<td>79</td>
<td>117</td>
<td>155</td>
<td>231</td>
<td>383</td>
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<tr>
<td>Voltage (V)</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
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<tr>
<td>Flow (LPM)</td>
<td>3.8</td>
<td>8.3</td>
<td>8.3</td>
<td>8.3</td>
<td>15.1</td>
<td>20.8</td>
</tr>
<tr>
<td>Pressure (KPa)</td>
<td>276(40psi)</td>
<td>483 (70psi)</td>
<td>483 (70psi)</td>
<td>410(60psi)</td>
<td>410(60psi)</td>
<td>410(60psi)</td>
</tr>
<tr>
<td>Hose</td>
<td>9.5x3.35mm</td>
<td>9.5x4.57mm</td>
<td>9.5x4.57mm</td>
<td>9.5x4.9mm</td>
<td>9.5x6.4mm</td>
<td>9.5x6.4mm</td>
</tr>
<tr>
<td>Spray Pattern</td>
<td>Cone, Stream &amp; Broadcast</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gun Spray Distance (m)</td>
<td>7.62 long, 4.27 high</td>
<td>9.14 long, 5.79 high</td>
<td>9.14 long, 5.79 high</td>
<td>9.75 long, 6.40 high</td>
<td>10.05 long, 6.70 high</td>
<td>10.97 long, 7.32 high</td>
</tr>
<tr>
<td>Broadcast Spray Distance (m)</td>
<td>1.02 wide</td>
<td>3.05 wide</td>
<td>3.05 wide</td>
<td>2.53 wide</td>
<td>3.56 wide</td>
<td>4.57 wide</td>
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<tr>
<td>Nozzles</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>7</td>
<td>9</td>
</tr>
</tbody>
</table>
SPOT SPRAYERS

1. Honeywell MICRO SWITCH™ with silver contacts enhance durability and efficiency
2. 19mm Quick-connect ports offer the ultimate in convenience and reliability
3. Fiberglass-reinforced pump manifold provides superior durability
4. Viton™ valves improve performance, priming and durability
5. Santoprene™ diaphragm is chemical resistant
6. 100% duty cycle. Motors are oversized for continuous duty operation. High-grade copper windings eliminate the need for additional cooling

- Innovative smooth valve design for faster priming and longer life
- Approved for use with Roundup™ agricultural herbicide
- Self-priming up to 4 feet above liquid level
- Standard mounting pattern
- Fits all NorthStar sprayers and most other brands
- Rated to 1000 hours
- Includes 12.7 mm hose barb and 12.7 mm male NPT fitting

### 12 V Diaphragm Pumps

<table>
<thead>
<tr>
<th>MODEL</th>
<th>1042Q</th>
<th>2272Q</th>
<th>3062Q</th>
<th>4062Q</th>
<th>5562Q</th>
<th>7062Q</th>
<th>15152Q</th>
<th>20200Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow rate (LPM)</td>
<td>3.8</td>
<td>8.3</td>
<td>11.3</td>
<td>15.1</td>
<td>20.8</td>
<td>26.5</td>
<td>5.7</td>
<td>7.6</td>
</tr>
<tr>
<td>Pressure Kpa (psi)</td>
<td>276 (40 psi)</td>
<td>483 (70 psi)</td>
<td>414 (60 psi)</td>
<td>414 (60 psi)</td>
<td>414 (60 psi)</td>
<td>414 (60 psi)</td>
<td>1030 (150 psi)</td>
<td>1373 (200 psi)</td>
</tr>
<tr>
<td>Max Amps</td>
<td>4.0</td>
<td>8.0</td>
<td>10.0</td>
<td>13.0</td>
<td>17.0</td>
<td>23.0</td>
<td>11.0</td>
<td>23.0</td>
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## Accessories for Northstar Sprayers

<table>
<thead>
<tr>
<th>POS</th>
<th>Description</th>
<th>PART No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rubber Washer (All Models)</td>
<td>5232</td>
</tr>
<tr>
<td>2</td>
<td>Drain Cap (All Models)</td>
<td>37680</td>
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<tr>
<td>3</td>
<td>Plug (To be used with 787200 if not using a broadcast nozzle)</td>
<td>779859</td>
</tr>
<tr>
<td>4</td>
<td>Hose barb to suit 38L</td>
<td>787196</td>
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<tr>
<td>5</td>
<td>Quick Connect x 12.7mm Hose barb 50° elbow</td>
<td>787199</td>
</tr>
<tr>
<td>6</td>
<td>Quick Connect x 9.5mm Hose barb elbow x 6.3mm FNPT elbow</td>
<td>787200</td>
</tr>
<tr>
<td>7</td>
<td>Quick Connect x 9.5mm Hose barb</td>
<td>787208</td>
</tr>
<tr>
<td>8</td>
<td>Quick Connect x 12.7mm Hose barb</td>
<td>787209</td>
</tr>
<tr>
<td>9</td>
<td>Quick Connect x 19mm Hose barb</td>
<td>787210</td>
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<tr>
<td>10</td>
<td>Quick Connect x 12.7mm MNPT</td>
<td>787211</td>
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<tr>
<td>11</td>
<td>Quick Connect x 9.5mm Hose barb elbow</td>
<td>787212</td>
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<td>12</td>
<td>Quick Connect x 12.7mm Hose barb elbow</td>
<td>787213</td>
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<tr>
<td>13</td>
<td>Quick Connect x 12.7mm Hose barb elbow</td>
<td>787214</td>
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<tr>
<td>14</td>
<td>Standard Spray Gun</td>
<td>779769</td>
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<tr>
<td>15</td>
<td>Anvil Nozzle for Trolley Sprayers</td>
<td>792605</td>
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<td>16</td>
<td>Battery leads / Wiring harness for all units</td>
<td>777493</td>
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<tr>
<td>17</td>
<td>3.8 Pump Head Replacement</td>
<td>NUA1042</td>
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<tr>
<td>18</td>
<td>3.8 Pump Head Replacement</td>
<td>NUA2272</td>
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<td>19</td>
<td>11.4 Pump Head Replacement</td>
<td>NUA3062</td>
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<td>20</td>
<td>15.2 Pump Head Replacement</td>
<td>NUA4062</td>
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<tr>
<td>21</td>
<td>10mm Hose by the meter</td>
<td>NUCFBK10</td>
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<tr>
<td>22</td>
<td>Broadcast Spray Lance</td>
<td>NUBRACCAST</td>
</tr>
<tr>
<td>23</td>
<td>Pressure Regulator</td>
<td>NPRESSUREGERULATOR</td>
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<tr>
<td>24</td>
<td>Heavy Duty Spray Gun</td>
<td>792723</td>
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<tr>
<td>25</td>
<td>Professional Spray Gun</td>
<td>JET SPRAY LANCE</td>
</tr>
</tbody>
</table>
MORE CLAYTON ENGINEERING PRODUCTS...

- 40V Battery Garden Products
- Petrol & Diesel Generators
- Inverter Generators
- Storage Boxes

- Rainwater Pumps
- Submersible Drainage Pumps
- Submersible Sewerage Pumps
- Packaged Pump Stations

- Agricultural Pumps
- Engine driven Fire Fighting Pumps and Transfer Pumps

- Lake & Pond Remediation
- Odour & Septicity Control
- Biological Remediation

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Brendale QLD 4500

Melbourne: 24 Healey Rd
Dandenong South VIC 3175

Perth: 63 McDonald Cres
Bassendean WA 6054

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