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Caution!

The PTO gear selector **must** be set to 540 rpm.

No liability is assumed for any pump damage caused by higher gear speeds

Please refer to the operating manual for the recommended PTO speed for the various tall-growing crops.



Electrical components such as control valve, motors, junction boxes and connectors must be protected from pressurized water.

!!!! Do not use high pressure cleaners !!!!

The Manufacturer

Drift reducing devices

Caution!

Please refer to the following web page for the classification and the prescribed regulations for the operation as „drift reducing device“.

(www.jki.bund.de/geraete.html)

Drift reduction class	V. number	Versions	Instructions for use	Registration description	Application areas	Applicant
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75 %	50-01	NT 155 to 172 all with OIFD75-2 nozzle	In the first 3 rows the outward air support must be made ineffective.	all Vicar sprayers with air unit mod. 460	B,O	SEX
75 %	50-04	AT 76 to 89 all with OIFD75-2 nozzle	In the first 3 rows the outward air support must be made ineffective.	all Vicar sprayers with air unit mod. 460	B,O	SEX
75 %	50-07	NT 155 to 172 all with WIFD75-2 nozzle	No outward spraying in the first vine rows.	all Vicar sprayers with air unit mod. 460	B,S,W,Z	SEX
75 %	50-08	AT 76 to 89 all with WIFD75-2 nozzle	No outward spraying in the first vine rows.	all Vicar sprayers with air unit mod. 460	B,S,W,Z	SEX
75 %	166-03	NT 27 to 47 and 58 and 59 and 65 and 66 and 72 and 74 and 95 and 97 and 102 and 108 and 115 and 118 and 124 and 126 and 129 and 133 and 136 and 140 all with WIFD75-2 nozzle	No outward spraying in the first 3 vine rows, max. plant height 1,80 m.	Sprayers with air unit mod. 440 Quattro with 50 cm extensions for the upper nozzles.	B,S,W,Z	SEX
75 %	166-04	AT 14 and 15 and 24 to 43 all with WIFD75-2 nozzle	No outward spraying in the first 3 vine rows, max. plant height 1,80 m.	Sprayers with air unit mod. 440 Quattro with 50 cm extensions for the upper nozzles.	B,S,W,Z	SEX

Drift reduction class	V. number	Versions	Instructions for use	Registration description	Application areas	Applicant
75 %	167-01	NT 141 to 154 all with OIFD75-2 nozzle	In the first 3 rows the outward air support must be made ineffective. Set the air unit to speed 1 with a max. PTO speed of 400 rpm.	Sprayers with air unit mod. 450 Maxi with 30 cm extensions for the upper nozzles.	B,O	SEX
75 %	167-02	AT 64 to 71 all with OIFD75-2 nozzle	In den ersten 3 Reihen muss die nach außen gerichtete Luftunterstützung wirkungslos gemacht werden. Set the air unit to speed 1 with a max. PTO speed of 400 rpm.	Sprayers with air unit mod. 450 Maxi with 30 cm extensions for the upper nozzles.	B,O	SEX
90 %	50-02	AT 76 to 89 all with OIFD75-2 nozzle	In the first 5 rows the outward air support must be made ineffective.	all Vicar sprayers with air unit mod. 460	B,O	SEX
90 %	50-03	NT 155 to 172 all with OIFD75-2 nozzle	In the first 5 rows the outward air support must be made ineffective.	all Vicar sprayers with air unit mod. 460	B,O	SEX
90 %	50-05	NT 155 to 172 all with WIFD90-4 nozzle	No outward spraying in the first vine rows.	all Vicar sprayers with air unit mod. 460	B,S,W,Z	SEX
90 %	50-06	AT 76 to 89 all with WIFD90-4 nozzle	No outward spraying in the first vine rows.	all Vicar sprayers with air unit mod. 460	B,S,W,Z	SEX

Drift reduction class	V. number	Versions	Instructions for use	Registration description	Application areas	Applicant
90 %	166-01	NT 27 to 47 and 58 and 59 and 65 and 66 and 72 and 74 and 95 and 97 and 102 and 108 and 115 and 118 and 124 and 126 and 129 and 133 and 136 and 140 all with WIFD90-4 nozzle	No outward spraying in the first 3 vine rows, max. plant height 1,80 m.	Sprayers with air unit mod. 440 Quattro with 50 cm extensions for the upper nozzles.	B,S,W,Z	SEX
90 %	166-02	AT 14 and 15 and 24 to 43 all with WIFD90-4 nozzle	No outward spraying in the first 3 vine rows, max. plant height 1,80 m.	Sprayers with air unit mod. 440 Quattro with 50 cm extensions for the upper nozzles.	B,S,W,Z	SEX

Simplified instructions

1. a) Please check the oil level in the pump before starting the device (use motor oil 15/40).
- b) Check the oil level in the gearbox. Use gearbox oil type 90.
Please change the oil every 200 operating hours.
- c) Rinse thoroughly tank and suction filter and remove possible foreign bodies.
Open the ball valve located between the suction filter and the tank.
- d) Check the correct length of the cardan shaft. In all trailed sprayers, when it is positioned in a straight position, it should have 20 cm leeway between the tractor and the machine. Grease the cardan shaft every 200 operating hours.
- e) Make sure the drawbar is connected correctly. (Trailed sprayers)
Extend or shorten the drawbar until the sprayer follows the track of the tractor.

Note! The wider the drawbar the bigger the trailing radius.

2. a) Subsequently fill the tank with about 50 l water to check it.
 - c) Open the free ball valve on the control valve so that air can escape.
 - d) Switch on the PTO.
- Caution! Use only the setting “540 rpm”.**
- e) Wait until water flows out of the ball valve with a uniform jet stream, then close it immediately.
 - f) Check the pressure value on the pressure gauge pointer.
 - g) Turn clockwise to increase pressure, turn counterclockwise to reduce it.
 - h) Check the mixer. The injector nozzle has to be cleaned from the outside.
Unscrew the plastic nut and remove the injector nozzle (clean it only when the tank is empty).

- a) Winter protection of VICAR sprayers.

Unscrew the aspiration filter and remove the discharge lid at the bottom.

3. b) Open all the ball valves and switch on the cardan shaft and let it turn briefly until no more water comes out from the free ball valve.

Tip: The devices can also be rinsed with antifreeze agents (mixing ratio 1:1) and thus rendered frost-proof.

VICAR sprayers: instructions for use

1. Intended equipment of your plant protection device.

The intended equipment of every device consists of the basic device, pump, control valve, air unit and optional equipment (see combination chart attached).

Precautions and correct filling of the device.

2. Water and spray agents must be poured into the tank through the filling strainer. Turn off the air unit (0 position) and switch on the mixer so that there is no overconcentration spray liquor before starting to work. Additionally, make sure that the water hose never comes in contact with the tank content. This could happen if you hang the hose and the water reaches the tank through free fall. Please consult the pesticide manufacturer's instructions for dosing guidelines and correct mixing of the spray liquor. Open and close the associated ball valve on the distribution pipe to operate the injector. Please note that it can only work when the pump is running.

To prevent the tank from overflowing, the device must not be left unattended during the filling process.

Caution! Plant protection devices must not be filled in water protection zones. The rinsing device is located in the filling strainer and can be operated via the inflow valve on the distribution pipe. Make sure that the tank lid is closed while rinsing off pesticides. After the rinsing process close the inflow valve to avoid pressure loss.

Operating and setting ranges of the device.

3. Please refer to pages 1,10,11. You can find information on pumps and blower performance in the following chart. The tractor PTO speed is always 540 rpm.

VICAR sprayers: instructions for use

4. Please see page 14 for residues which are no longer sprayed correctly by the device.
5. Emptying and cleaning the device

Use the free ball valve on the distribution pipe to empty the tank. Connect a hose to the ball valve and collect the residues of the tank into a vessel by using a pump. When emptying the suction filter, pressure lines (hoses and nozzle holders) collect the leaking fluid to prevent it from reaching the environment. Rinse the device thoroughly after each use. Empty it as indicated above.
6. Checking the dosage

Drive a little way (test track) with the device in operation to get precise dosing. Subsequently, you can calculate the used amount of liquid by refilling it the previous level. The liquid consumption of the calculated area (test track) can then be converted into hectares. This operation should be carried out with water. Please see also the spray schedule enclosed to each machine. It also contains calculations formulas and an example.
7. Mesh size and filters

Filling strainer = 1,0 mm
Suction filter = 0,5 mm
Nozzle sieve = 0,5 mm / only with ceramic platelet
Pressure filter = 0,4 mm
8. Sprayer functioning

A functional check should be carried out after a prolonged standstill (winter). A random check should also be performed before each use.
9. Limitations of use of certain pesticides

At the moment there are no reported plant protection products having harmful effects on our devices. Please refer to the product manufacture's indications for negative effects of spraying agent combinations.
10. Conversion or changes in the plant protection equipment

The executor shall be held liable for any changes resulting from self-construction or modifications.
11. Connection to other devices

It is not possible to connect the sprayer to other devices.

VICAR sprayers: instructions for use

12. Testing the sprayer

If you have your sprayer tested by a specialized company using control stations, the following should be noted.

The pressure gauges have an external thread of 1/4" or 1/2". Test gauges can also be connected to the drain valve through a 1/4" x 1/2" reducer. In order to measure the respective volume flow, pumps and valves are connected to easily detachable hoses. To test each nozzle connect it to a hose and then check the water collected in a measuring cup.

This manual applies for the following sprayer models:

HAS, ATU, NTU, AT, NT

13. The sprayer model is written on the type plate located on the frame of each machine.

**Importer and exporter's
name:**

**SEXAUER Landtechnik
Gartenstraße 10
D - 79235 B i s c h o f f i n g e n**

Manufacturer's name:

**CaBa Industrie s.r.l.
Via Urbania. 26
I - 48018 F a e n z a (RA)**

Cleaning and emptying the machine

- Rinsing pipes when the tank is full

Close the main tap (frame) on the aspiration filter and open that of the rinsing container.

When the pump is running and the remote control is open, rinsing water is aspirated and therefore the pump and the pipes are rinsed out through the open nozzles.

- External cleaning

The connector for the external cleaning is located on the distribution pipe (free ball valve). The thread is 1/2" external thread.

- Internal cleaning of the tank

The rinsing nozzle for the internal cleaning of the tank is always located in the middle of the rinsing container (standard from 500 l on tractor-mounted sprayers and from 400 l on trailed sprayers).

Close the main tap on the aspiration filter and open that of the rinsing container to rinse the tank interior. Close the nozzles and switch on the pump to open the ball valve leading to the rinsing nozzle and located on the distribution valve.

After rinsing close the ball valve to avoid pressure loss and any damage to the rinsing nozzle.

- Emptying the sprayer

Use the free 1/2" ball valve on the distribution pipe to empty the sprayer. Connect a hose to the ball valve and pump the residual product with the pump into a suitable container. The residual product can be reused in another moment.

Liter details of the tanks

		<u>Nominal volume</u>	<u>Actual volume</u>	<u>Rinsing container</u>
T R A C T O R M O U N T E D	AT/ATU 200	2 0 0	2 1 9	2 3
	AT/ATU 300	3 0 0	3 3 0	3 1
	AT/ATU 400	4 0 0	4 2 0	3 8
	AT 500	5 0 0	5 3 5	4 8
	AT 600	6 0 0	6 3 5	4 8

Hand washing tank on AT and NT is 15 liters.

		<u>Nominal volume</u>	<u>Actual volume</u>	<u>Rinsing container</u>
T R A I L E D	NT/NTU 400	4 0 0	4 2 2	3 0
	NT/NTU 600	6 0 0	7 0 0	4 5
	NT/NTU 800	8 0 0	9 0 7	4 5
	NT/NTU 1000	9 0 0	1 0 4 5	4 5
	NT/NTU 1200	1 0 0 0	1 1 5 0	5 0
	NT/NTU 1500	1 5 0 0	1 5 7 5	9 6
	NT/NTU 2000	2 0 0 0	2 1 2 0	1 1 5

Stand: 01.01.2000

Nozzle output: ceramic platelets

Nozzles with ceramic platelets for orchard

	1,0	1,2	1,5	1,2	1,5	1,8	2,0
Nozzle bore	without	without	without	with	with	with	with
Swirl disk bore							
15 bar	1,41	1,87	2,49	2,75	4,27	5,77	6,25
20 bar	1,60	2,14	2,84	3,14	4,79	6,57	7,00
25 bar	1,76	2,39	3,18	3,51	5,26	7,35	7,70
30 bar	1,93	2,57	3,41	3,78	5,66	7,86	8,32

Formula

$$\frac{\text{liter/ha} \times \text{row width} \times \text{driving speed}}{600 : \text{open nozzles}}$$

Example

$$1000 \text{ l/ha} \times 2,5 \text{ m} \times 6 \text{ km/h} : 600 : 12 \text{ nozzles} = \underline{2,08 \text{ l/min.}}$$

$$\times 2 = \underline{4,17 \text{ l/min.}}$$

Note:

If you drive every 2nd row, you have to multiply the result by 2.

This corresponds to the following nozzle equipment:

ceramic platelet 1,2 and swirl disk without hole at about 17 bar.

or if you drive every 2nd row:

ceramic platelet 1,5 and swirl disk with hole at about 13 bar.

Nozzle output: Albus AVI

Pressure in bar	Output l / min.					Tolerance + / - 10 %		
	orange 80-01	green 80-015	yellow 80-02	purple 80-025	blue 80-03			
1								
2								
3								
4								
5	0,52	0,78	1,03	1,29	1,55			
6	0,57	0,85	1,13	1,41	1,7			
7	0,61	0,92	1,22	1,53	1,83			
8	0,65	0,98	1,31	1,63	1,96			
9	0,69	1,04	1,39	1,73	2,08			
10	0,73	1,1	1,46	1,83	2,19			
11	0,77	1,15	1,53	1,92	2,3			
12	0,8	1,2	1,6	2	2,4			
13	0,83	1,25	1,67	2,08	2,5			
14	0,86	1,3	1,73	2,16	2,59			
15	0,89	1,34	1,79	2,24	2,68			
16	0,92	1,39	1,85	2,31	2,77			
17	0,95	1,43	1,9	2,38	2,86			
18	0,98	1,47	1,96	2,45	2,94			
19	1,01	1,51	2,01	2,52	3,02			
20	1,03	1,55	2,07	2,58	3,09			

Formula: $\frac{\text{Liter per ha} \times \text{row width} \times \text{driving speed}}{600}$: open nozzles.

600 : open nozzles.

Example:

500l/ha x 1,80m x 6 km/h : 600 : 8 nozzles = 1,12 l/min.

This corresponds to AVI green at 10 bar or AVI yellow at 6 bar

Note:

If you drive every 2nd row, you have to multiply the result by 2.

2,25 l/min. which corresponds to AVI purple at 15 bar.

Nozzle output: Albuz - ATR

Pressur in bar	Output l / min. Tolerance + / - 10 %							
	white	purple	brown	yellow	orange	red	green	blue
1	0,13	0,17	0,23	0,35	0,47	0,66	0,85	1,17
2	0,18	0,23	0,32	0,48	0,65	0,91	1,17	1,61
3	0,22	0,28	0,38	0,58	0,78	1,09	1,41	1,94
4	0,25	0,32	0,44	0,66	0,89	1,25	1,61	2,21
5	0,27	0,36	0,48	0,73	0,99	1,38	1,78	2,45
6	0,3	0,39	0,52	0,8	1,07	1,5	1,94	2,67
7	0,32	0,42	0,56	0,86	1,15	1,62	2,08	2,86
8	0,34	0,44	0,6	0,91	1,22	1,72	2,21	3,05
9	0,36	0,47	0,63	0,96	1,29	1,81	2,34	3,21
10	0,37	0,49	0,66	1,01	1,36	1,9	2,45	3,37
11	0,39	0,51	0,69	1,05	1,42	1,99	2,56	3,53
12	0,41	0,53	0,72	1,1	1,47	2,07	2,67	3,67
13	0,42	0,55	0,75	1,14	1,53	2,15	2,77	3,81
14	0,44	0,57	0,77	1,18	1,58	2,22	2,86	3,94
15	0,45	0,59	0,8	1,22	1,63	2,29	2,95	4,07
16	0,47	0,61	0,82	1,25	1,68	2,36	3,04	4,19
17	0,48	0,63	0,85	1,29	1,73	2,43	3,13	4,31
18	0,49	0,64	0,87	1,32	1,78	2,49	3,21	4,42
19	0,5	0,66	0,89	1,36	1,82	2,56	3,29	4,53
20	0,52	0,67	0,91	1,39	1,86	2,62	3,37	4,64

Formula: Liter per ha x row width x driving speed

600 : divided by the number of the open nozzles.

Example:

400 l/ha x 1,60 m x 6 km/h : 600 : 8 nozzles = 0,8 l/min.

This corresponds to ATR yellow at 6 bar

Note:

If you drive every 2nd row, you have to multiply the result by 2.= 1,60 l/min.

This corresponds to ATR red at 7 bar.

Air unit mod. 440 and 450: setting ranges

The following versions are necessary for drift reduction

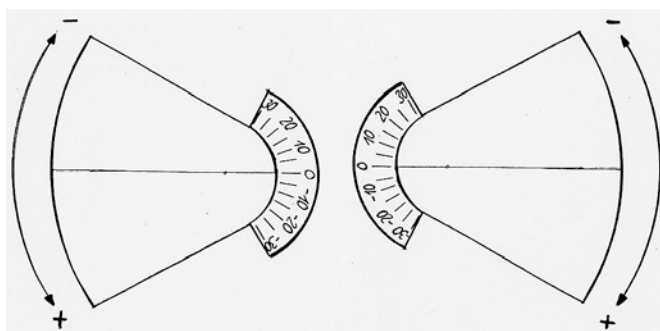
Air unit mod. with 50cm extension – Volume flow 6.850 / 8.400 m³/h

	Row width / height	Gearbox speed	PTO rpm	Spraying head up/down
Vineyard	Up to 2 m / up to 2,20 m	2	380	- 0 ° / -25°
Vineyard	Up to 3 m / up to 2,20 m	2	400	- 0 ° / -20°
Orchard	Up to 3 m / up to 2,50 m	2	420	-10° / -15°

Air unit mod. with 30cm extension – Volume flow 13.500 / 15.800 m³/h

	Row width / height	Gearbox speed	PTO rpm	Spraying head up/down
Vineyard	Up to 2 m / up to 2,20 m	1	300	0 ° / -15°
Vineyard	Up to 3 m / up to 2,20 m	1	340	0 ° / -15°
Orchard	Up to 3,50 m / up to 4 m	2	380	-5 ° / -10°
Orchard	Up to 5 m / up to 5 m	2	420	-5 ° / -10°

Note: Gearbox stage 2 is not required in vineyards with row width up to 3 m.



All values apply to optimal weather conditions and can be individually optimized by the user.

Air unit mod. 460 and 456: setting ranges

Air unit mod. 460 - Volume flow 8.100 / 9.950 m³/h

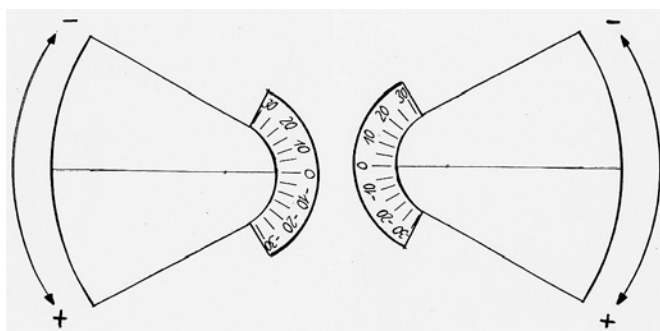
	Row width / Height	Gearbox speed	PTO rpm	Spraying head up/middle/down
Vineyard	Up to 2 m / up to 2,20 m	2	380	+10° / 0° / -10°
Vineyard	up to 3 m / up to 2,20 m	2	400	+5° / 0° / -10°
Orchard	up to 3 m / up to 2,50 m	2	420	0° / 0° / -5°

Air unit mod. 456 – Volume flow 13500 / 15800 m³/h

	Row width / Height	Gearbox speed	PTO rpm	Spraying head up/middle/down
Vineyard	up to 2 m / up to 2,20 m	1	320	+10° / 0° / 10°
Vineyard	up to 3 m / up to 2,20 m	1	360	+5° / 0° / -10°
Orchard	up to 3,50 m / up to 4 m	2	400	0° / 0° / -5°
Orchard	up to 5 m / up to 5 m	2	440	0° / 0° / -5°

Note: Gearbox stage 2 is not required in vineyards with row width up to 3 m.

The overlap can be increased or minimized through the middle spraying heads, according to your preferences. The larger nozzle choice is therefore superfluous for the grape zone.



All values apply to optimal weather conditions and can be individually optimized by the user.

Air unit mod. 440, 450 and 540: setting ranges

Air unit mod. 440 – Volume flow 6.850 / 8.400 m³/h

	Row width / height	Gearbox speed	PTO rpm	Spraying head up/down
Vineyard	Up to 2 m / up to 2,20 m	2	380	-20° / -25°
Vineyard	up to 3 m / up to 2,20 m	2	400	-15° / -20°
Orchard	up to 3 m / up to 2,50 m	2	420	-20° / -15°

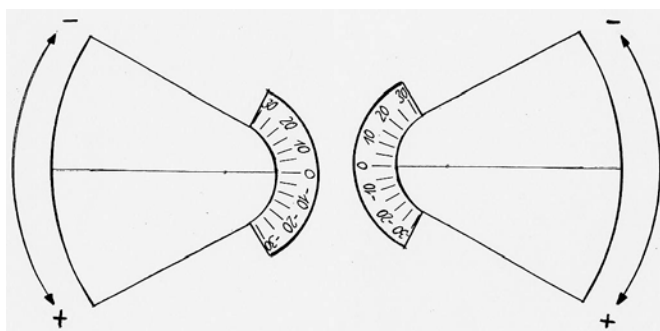
Air unit mod. 450 - Volume flow 13.500 / 15.800 m³/h

	Row width / height	Gearbox speed	PTO rpm	Spraying head up/down
Vineyard	up to 2 m / up to 2,20 m	1	300	-10° / -15°
Vineyard	up to 3 m / up to 2,20 m	1	340	-10° / -15°
Orchard	up to 3,50 m / up to 4 m	2	380	-5° / -10°
Orchard	up to 5 m / up to 5 m	2	420	-5° / -10°

Note: Gearbox stage 2 is not required in vineyards with row width up to 3 m.

Air unit mod. 540 – Volume flow 19.500 / 21.800 m³/h

	Row width / height	Gearbox speed	PTO rpm	Spraying head up/down
Vineyard	Not recommended			
Orchard	up to 5m / up to 5 m	1	380	-5° / -10°
Orchard	up to 8 m / up to 8 m	2	420	-5° / -10°



All values apply to optimal weather conditions and can be individually optimized by the user.

Performance of each air unit at 540 rpm nominal speed

Air unit mod.	Stage 1	Stage 2
410	5.100 m ³ /h	6.400 m ³ /h
420	8.500 m ³ /h	10.500 m ³ /h
430	8.500 m ³ /h	10.500 m ³ /h
440	7.700 m ³ /h	9.400 m ³ /h
450	14.000 m ³ /h	17.500 m ³ /h
460	8.100 m ³ /h	9.900 m ³ /h
540	17.000 m ³ /h	18.800 m ³ /h

Indications on air unit mod. 440, 450, 456 and 460 with air deflectors

When spraying close to waters, make sure that the air from the outlet openings is directed to the other side, thanks to the air deflectors (see picture). In this way, the nozzles directed to the water basin can be opened without air supply.



Gearbox ratios

	Gearbox speed <u>1 / 2</u>
Air unit 410 little	1:5 / 1:6
Air unit 410 big	1:6 / 1:7
Air unit 430	1:5 / 1:6,2
Air unit 440	1:4,5 / 1:5,5
Air unit 460	1:4,5 / 1:5,5
Air unit 450	1:4 / 1:5
Air unit 456	1:4 / 1:5
Air unit 540	1:5 / 1:5,5

Residual quantity data

Air unit model and tank capacity (nominal volume)	Horizontal emptying with complete pumping out	Horizontal emptying until pressure changes	Slope to the front	Slope to the rear	Slope to the left	Slope tot he right
	liter	liter	liter - %	liter - %	liter - %	liter - %
AT 200	1,2	3,8	4,6 20	4,6 20	4,0 25	5,8 12
AT300	1,2	3,9	4,9 20	5,5 20	4,1 25	8,5 12
AT400	1,4	4,2	5,3 20	6,4 20	4,4 25	11,6 12
AT500	2,1	4,4	5,5 20	7,5 20	4,5 25	14,4 12
AT600	2,2	4,7	5,9 20	9,1 20	5,1 25	16,9 12
NT400	2,8	5,2	7,2 25	9,2 25	6,7 25	6,7 25
NT600	2,8	5,6	10,8 22	15,7 22	7,5 22	7,5 22
NT800	2,9	5,9	14,9 21	20,5 21	8,1 22	8,1 22
NT1000	2,9	5,9	17,4 22	20, 21	10,4 25	10,4 25
NT1200	2,9	5,9	17,4 22	209 21	10,4 25	10,4 25
NT1500	4,6	10,2	35,4 18	3,2 18	36,4 18	36,4 18
NT2000	5,2	13,0	47,18 18	55,0 6	58,5 16	58,5 16

Data table of VICAR pumps

Model	Diaphr. Piston	l/min.	gpm	bar	psi	HP	rpm	Kg	Length	Width	Height	Suction conn.	Pressure conn.	
M 70	3	70	15,4	50	725	10	550	12	268	312	260			
M 73	3	70	15,4	50	725	10	550	12	268	312	260			
M 85	3	82	18	50	725	11	550	25,5	380	360	415			
M 104														
M 130	4	130	28,6	50	725	17,9	550	31	490	350	400			
IP 100	3	106	23,3	50	725	15	550	44	450	410	425			
IP 140	4	140	30,8	50	725	19,3	550	51	435	455	440			
ML 80														
AR 202	2	20	5,3	20	290	0,7	650	4	224	215	200	20	2x0,8	
AR 503	3	55	14,5	40	580	5,2	550	13	362	326	345	30	¾"	
AR 803	3	81	21,4	50	725	9,9	550	20	350	335	409	40	¾"	
AR 813	3	81	21,4	50	725	9,9	550	20	350	335	409	40	¾"	
AR 1044	4	105	27,7	50	725	13,1	550	22	348	375	409	40	¾"	
AR 1064	4	105	27,7	50	725	13,1	550	22	348	375	409	40	¾"	
AR 1516	6	151	39,9	50	725	18,6	550	34	406	446	415	40	¾"	
BHS 200	4	193,7	51,2	50	725	21,8	550	65	467	451	418	40er	¾"	
T 55	3	50	13,21	50	725	6,5	550					¾"	3/8"	
T 77	3	70	18,5	60	870	11	550					1"	¾"	
T 122	6	120	31,7	60	870	18,5	550					2x 1"	2x ¾"	

Setting the pressure valve in the electric remote control with control motors

By way of explanation:

Each electrical section valve of the control motors has a by-pass device to adjust pressure. This means no matter which section you opened, you always have the same working pressure.

Note: This setting should be performed again at each nozzle change.

Basic setting: Let the machine run with some speed, close both by-pass devices (0 Position).

1. Open both sections on the remote control and set a working pressure of 10 bar on the regulating valve and then close the sections again.
2. Open the right section and correct the 10 bar value again with the left by-pass device.
3. Subsequently open the left section and correct the 10 bar value again with the right by-pass device.
4. Now the set pressure should be the same in all three positions.