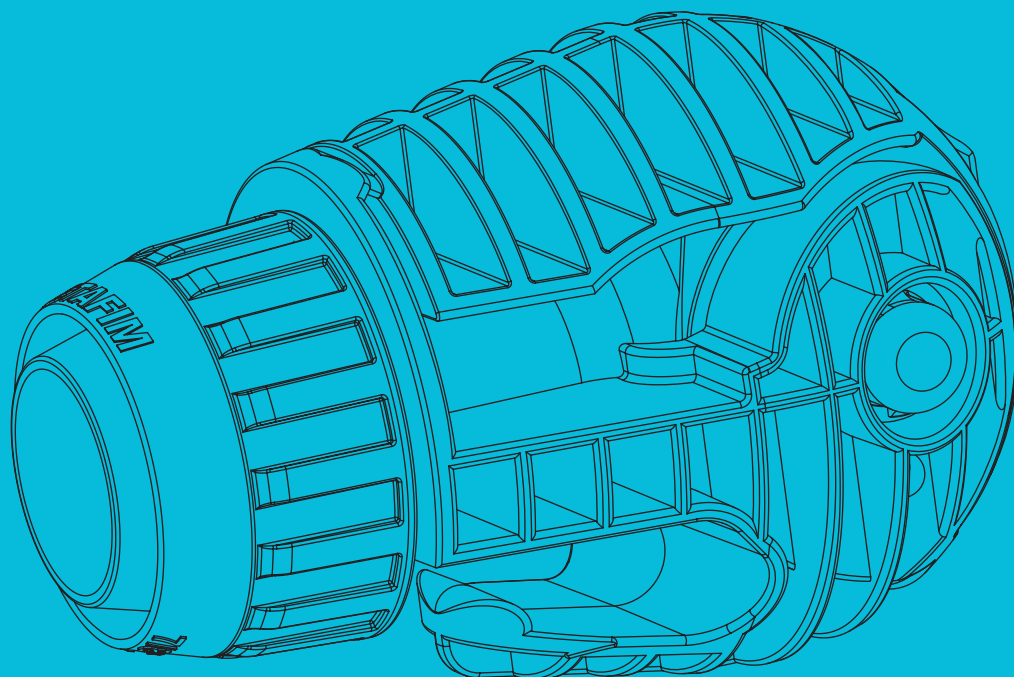


FITTINGS & ACCESSORIES

PRODUCT CATALOG



2013

Products appearing in this catalogue may be covered by one or more of the following US Patent Nos. 5535778, 7410108 and other U.S. patents pending or corresponding issued or pending foreign patents.

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INTRODUCTION

Netafim™ Accessories & Fittings Components product families are designed to complement and support efficient and professional utilization of low volume irrigation systems.

Netafim™ Accessories & Fittings Components are an integral part of your irrigation system. Each component is manufactured under the strictest quality control standards ensuring maximum system performance and reliability.

The Netafim™ Accessories & Fittings Components comprise features that make them stand out above others.



Manifolds

A wide range of models



Dripperlines accessories

Holders, Clips, Adaptors and Plugs



Stakes & Spikes

Different models



Complementary Products



Pressure Regulators



Tools

MANIFOLDS

DESCRIPTION	Elbow adapter barb 3*5 Inlet: female press-fit	
	For correct customized installation 	
CATALOG NUMBERS	1 unit	32000-002520
	50 units/bag	32000-002525
	100 units/bag	

DESCRIPTION	Elbow adapter barb 3*5 Inlet: female press-fit, colored gray	
	For correct customized installation 	
CATALOG NUMBERS	1 unit	32000-002526
	50 units/bag	
	100 units/bag	

DESCRIPTION	"T" adapter barb 3*5 Inlet: female press-fit	
	To distribute water to 2 different points 	
CATALOG NUMBERS	1 unit	32000-002530
	50 units/bag	32000-002537
	100 units/bag	32000-002538

DESCRIPTION	"T" adapter barb 3*5 Inlet: female press-fit, colored gray	
	To distribute water to 2 different points 	
CATALOG NUMBERS	1 unit	32000-002550
	50 units/bag	
	100 units/bag	

DESCRIPTION	Flat manifold, 4 outlets Inlet: female press-fit	
	To distribute water to 4 different points 	
CATALOG NUMBERS	1 unit	32000-002560
	50 units/bag	32000-002567
	100 units/bag	32000-002570

DESCRIPTION	Flat manifold, 4 outlets Inlet: female press-fit, colored gray	
	To distribute water to 4 different points 	
CATALOG NUMBERS	1 unit	32000-002590
	50 units/bag	
	100 units/bag	

DESCRIPTION	Flat manifold, 4 outlets w/nipple outlet Inlet: female press-fit	
	To distribute water to 5, 6 or 8 different points (with additional manifold). 	
CATALOG NUMBERS	1 unit	32000-002580
	50 units/bag	32000-002587
	100 units/bag	32000-002589

DESCRIPTION	Straight manifold, 4 outlets Inlet: female press-fit	
	To distribute water to 4 different points 	
CATALOG NUMBERS	1 unit	32000-002400
	50 units/bag	32000-002420
	100 units/bag	32000-002430

DESCRIPTION	Straight manifold, 8 outlets Inlet: 1/2" male threaded	
	To distribute water to 8 different points 	
CATALOG NUMBERS	1 unit	32000-002300
	50 units/bag	32000-002320
	100 units/bag	32000-002330



DRIPLINES ACCESSORIES

DESCRIPTION	Clip to handle 16, 17 & 18 mm OD tube		
	Prevents flux of drops down the tube (to be assembled in the production line)		
CATALOG NUMBERS	1 unit	32000-003330	
	50 units/bag		
	100 units/bag		

DESCRIPTION	Clip to handle 16mm OD tube colored violet		
	Prevents flux of drops down the tube (to be assembled in the production line)		
CATALOG NUMBERS	1 unit	32000-003305	
	50 units/bag		
	100 units/bag		

DESCRIPTION	Clip to handle 20 mm OD tube		
	Prevents flux of drops down the tube (to be assembled in the production line)		
CATALOG NUMBERS	1 unit	32000-003360	
	100 units/bag	32000-003375	
	1 unit	32000-003380 (gray)	

DESCRIPTION	Clip to handle 17 & 18 mm OD tube colored violet		
	Prevents flux of drops down the tube (to be assembled in the production line)		
CATALOG NUMBERS	1 unit	32000-003310	
	50 units/bag		
	100 units/bag		

DESCRIPTION	Smart clip to handle 16 & 17 mm OD tube		
	For correct handling of irrigation pipe. Prevents flux of drops down the tube		
CATALOG NUMBERS	1 unit	32000-003400	
	50 units/bag	32000-003420	
	100 units/bag		

DESCRIPTION	Anti spill clip to handle 16 & 17 mm OD tube		
	For correct handling of irrigation pipe. Prevents flux of drops down the tube in both sides of the dripper		
CATALOG NUMBERS	1 unit	32000-003500	
	50 units/bag	32000-003520	
	100 units/bag	32000-003530	

DESCRIPTION	Ring plug for 16 & 17 mm OD dripperline, colored brown		
	To plug outlet of integral dripper (flow up to 4l/h) Fit for: Tiran™, Aries™ and DripNet PC™ dripperlines (0.9,1 and 1.2mm)		
CATALOG NUMBERS	1 unit	32000-006000	
	50 units/bag	32000-006020	
	100 units/bag	32000-006030	

DESCRIPTION	Ring plug for 20 mm OD dripperline, colored brown		
	To plug outlet of integral dripper (flow up to 4l/h) Fit for: Tiran™, Aries™ and DripNet PC™ dripperlines (0.9,1 and 1.2mm)		
CATALOG NUMBERS	1 unit	32000-006150	
	50 units/bag	32000-006160	
	100 units/bag	32000-006170	

DESCRIPTION	Plug for 12, 16, 17, 20 & 23 mm OD dripperline colored red		
	To plug outlet of integral dripper (flow up to 4l/h) Fit for: Uniram™, Tiran™, Aries™ & DripNet PC™ dripperlines (0.9,1 and 1.2mm)		
CATALOG NUMBERS	100 units/bag	32000-011000	
	1000 units/bag	32000-011050	

DESCRIPTION	Adapter for 12, 16, 17, 20 & 23 mm OD dripperline colored blue		
	To connect outlet hole of integral dripper to a Netafim manifold (flow up to 4l/h) Fit for: Uniram™, Tiran™, Aries™ and DripNet PC™ dripperlines (0.9,1 and 1.2mm)		
CATALOG NUMBERS	100 units/bag	32000-011200	
	1000 units/bag	32000-011250	

* manifold is not included

DESCRIPTION	Tying device for 12, 16, 17, 20 & 23 mm OD dripperline colored violet		
	For correct handling of PE pipes		
CATALOG NUMBERS	100 units/bag	32000-011400	
	1000 units/bag	32000-011415	

DESCRIPTION	Tying device for 12, 16, 17, 20 & 23 mm OD dripperline colored gray		
	For correct handling of PE pipes		
CATALOG NUMBERS	100 units/bag	32000-011450	
	1000 units/bag	32000-011480	

DESCRIPTION	Barb connector to a 3*5 micro-tube or a press-fit connection	
	To connect a PE pipe to a micro-tube 3*5 or to a manifold 	
CATALOG NUMBERS	1 unit	32000-001900
	50 units/bag	32000-001920
	100 units/bag	32000-001930

DESCRIPTION	Barb connector to a 3*5 micro-tube or a press-fit connection., colored brown.	
	To connect a PE pipe to a micro-tube 3*5 or to a manifold 	
CATALOG NUMBERS	1 unit	32000-001850
	50 units/bag	32000-001860
	100 units/bag	32000-001870

DESCRIPTION	Micro-tube adapter Outlet: barb 3*5 Inlet: press-fit	
	To connect a dripper nipple outlet to a micro-tube 3*5 	
CATALOG NUMBERS	1 unit	32000-001950
	50 units/bag	
	100 units/bag	

DESCRIPTION	Micro-tube adapter Outlet: barb 3*5 Inlet: press-fit, colored brown	
	To connect a dripper nipple outlet to a micro-tube 3*5 	
CATALOG NUMBERS	1 unit	32000-002000
	50 units/bag	32000-002010
	100 units/bag	32000-002020

DESCRIPTION	Micro-tube adapter Outlet: barb 4*6.5 Inlet: press-fit	
	To connect a dripper nipple outlet to a micro-tube 4*7 	
CATALOG NUMBERS	1 unit	32000-002100
	50 units/bag	32000-002115
	100 units/bag	32000-002130

DESCRIPTION	Cap for nipple outlet colored brown	
	To stop irrigation (inserted on the outlet nipple of PC, PCJ or Button drippers) 	
CATALOG NUMBERS	1 unit	32000-001400
	50 units/bag	32000-001420
	100 units/bag	32000-001430

DESCRIPTION	Plug 5 mm	
	To plug holes in PE pipes 	
CATALOG NUMBERS	1 unit	32000-001100
	50 units/bag	32000-001110
	100 units/bag	32000-001120

DESCRIPTION	Double plug 3 and 7 mm	
	To plug holes in PE pipes 	
CATALOG NUMBERS	1 unit	32000-001000
	50 units/bag	32000-001020
	100 units/bag	32000-001030

DESCRIPTION	Cap for nipple outlet	
	To stop irrigation (inserted on the outlet nipple of PC, PCJ or Button drippers) 	
CATALOG NUMBERS	1 unit	32000-005700
	50 units/bag	32000-005720
	100 units/bag	32000-005730

DESCRIPTION	Plug 8 mm	
	To plug holes in PE pipes 	
CATALOG NUMBERS	1 unit	32000-001200
	50 units/bag	32000-001210
	100 units/bag	

DESCRIPTION	Ring adapter Outlet: barb 3*5 (flow up to 4l/h)	
	To connect outlet hole of an integral dripper to a 3*5 micro 	
CATALOG NUMBERS	1 unit	32000-006300
	50 units/bag	32000-006320
	100 units/bag	32000-006330

DESCRIPTION	Ring adapter Outlet: barb 3*5, colored brown (flow up to 4l/h)	
	To connect outlet hole of an integral dripper to a 3*5 micro-tube 	
CATALOG NUMBERS	1 unit	32000-006400
	50 units/bag	32000-006420
	100 units/bag	

STAKES & SPIKES

DESCRIPTION	Spike for 3*5 micro-tube	
	Precise positioning of micro-tube (Height 14.3 cm)	
CATALOG NUMBERS	1 unit 32000-001801 50 units/bag 32000-001803 100 units/bag 32000-001804	
DESCRIPTION	Short spike for 3*5 micro-tube	
	Precise positioning of micro-tube (Height 10.3 cm)	
CATALOG NUMBERS	1 unit 32000-001740 50 units/bag 100 units/bag	
DESCRIPTION	Mini stake for CapiNet™ dripper	
	Precise positioning of CapiNet™	
CATALOG NUMBERS	3000 units 32000-006860	
DESCRIPTION	Stake for 8 mm OD tube	
	To fix position of pipe (Height 11 cm)	
CATALOG NUMBERS	1 unit 32000-002150 50 units/bag 32000-002162 100 units/bag 32000-002170	
DESCRIPTION	Stake for 16 & 17 mm OD tube	
	To fix position of pipe (Height 15 cm)	
CATALOG NUMBERS	1 unit 32000-006550 50 units/bag 32000-006562 100 units/bag 32000-006570	
DESCRIPTION	Stake for 20 mm OD tube	
	To fix position of pipe (Height 15 cm)	
CATALOG NUMBERS	1 unit 32000-006700 50 units/bag 32000-006720 100 units/bag 32000-006730	
DESCRIPTION	Stake for 5 & 6.5 mm OD Micro-tube	
	To stabilize the Pot, Button, PC or PCJ dripper in its place. Adaptable to 3*5 and 4*7 microtubes. (Height 10 cm)	
CATALOG NUMBERS	1 unit 32000-001500 50 units/bag 32000-001520 100 units/bag 32000-001540	

DESCRIPTION	Spike for 3*5 micro-tube colored gray	
	Precise positioning of micro-tube (Height 14.3 cm)	
CATALOG NUMBERS	1 unit 32000-001830 50 units/bag 100 units/bag	
DESCRIPTION	Short spike for 3*5 micro-tube colored gray	
	Precise positioning of micro-tube (Height 10.3 cm)	
CATALOG NUMBERS	1 unit 32000-001835 50 units/bag 100 units/bag	
DESCRIPTION	Mini stake for CapiNet™ dripper, colored gray	
	Precise positioning of CapiNet™	
CATALOG NUMBERS	3000 units 32000-006880	
DESCRIPTION	Metal stabilizer	
	4 mm (Height 14 cm)	
CATALOG NUMBERS	1 unit 32000-001600 50 units/bag 100 units/bag	
DESCRIPTION	Stake for 16 & 17 mm OD tube colored brown	
	To fix position of pipe (Height 15 cm)	
CATALOG NUMBERS	1 unit 32000-006600 50 units/bag 32000-006020 100 units/bag 32000-006030	
DESCRIPTION	Stake for 20 mm OD tube colored brown	
	To fix position of pipe (Height 15 cm)	
CATALOG NUMBERS	1 unit 32000-006800 50 units/bag 100 units/bag	
DESCRIPTION	Stake for 5 & 6.5 mm OD Micro-tube colored gray	
	To stabilize the Pot, Button, PC or PCJ dripper in its place. Adaptable to 3*5 and 4*7 microtubes. (Height 10 cm)	
CATALOG NUMBERS	1 unit 32000-001570 50 units/bag 32000-001580 100 units/bag	



END LINE FLUSHING VALVE

DESCRIPTION	End line flushing valve 16 mm Flare	
	When ever lateral flushing is needed as part of the irrigation system maintenance.	
CATALOG NUMBERS	1 unit	32000-007600
	50 units/bag	
	100 units/bag	



DESCRIPTION	End line flushing valve 22 mm Flare	
	When ever lateral flushing is needed as part of the irrigation system maintenance.	
CATALOG NUMBERS	1 unit	32000-007720
	50 units/bag	
	100 units/bag	



DESCRIPTION	End line flushing valve 16/17 mm Flare	
	When ever lateral flushing is needed as part of the irrigation system maintenance.	
CATALOG NUMBERS	1 unit	32000-007640
	50 units/bag	
	100 units/bag	



DESCRIPTION	End line flushing valve 20 mm Flare	
	When ever lateral flushing is needed as part of the irrigation system maintenance.	
CATALOG NUMBERS	1 unit	32000-007680
	50 units/bag	
	100 units/bag	



DESCRIPTION	End line flushing valve 23 mm Flare	
	When ever lateral flushing is needed as part of the irrigation system maintenance.	
CATALOG NUMBERS	1 unit	32000-007760
	50 units/bag	
	100 units/bag	



DESCRIPTION	End line flushing valve 1/2" MTH	
	When ever lateral flushing is needed as part of the irrigation system maintenance.	
CATALOG NUMBERS	1 unit	32000-007580
	50 units/bag	
	100 units/bag	



DESCRIPTION	Rubber band EPDM	
		
CATALOG NUMBERS	1 unit	45000-008800
	50 units/bag	
	100 units/bag	

Each box of 130 units contains 2 tightening wrenches suitable for the specific Flare connector diameter.



LINE FLUSH VALVE

FOR PROPER FLUSHING OF LATEST AND
IMPROVED IRRIGATION SYSTEM EFFICIENCY



SPECIFICATIONS

- No moving parts, no spring
- Withstands chemicals and fertilizers
- Low sensitivity to water quality
- UV resistance
- Simple structure, easy assembly and reliable operation



Flushing



Closing

Modes of operation:

Normally open - full opening at the beginning of irrigation cycle.

Flushing - while pressure builds up in lateral, water velocity flushes the debris out through opening.

Closing - small quantity of water flows into upper chamber, causing diaphragm to seal openings. It remains sealed until irrigation cycle ends, then the diaphragm gradually opens again.

Fast connector ring selection



6, 8, 10, 12.5, 15 mil -
cat.nr 32500-017400



20, 25 mil - cat.nr 32500-017600

TECHNICAL DATA

MODEL	CLOSING PRESSURE (BAR)	FLUSHED VOLUME (L)	DURATION OF FLUSHING (SEC)	FLUSHING FLOW-RATE (L/H)*	MATERIAL	CONNECTION	MAX. WORKING PRESSURE
540	0.05	1.2	10.0	260.0	P.P. and EPDM	Fast Ring	4.0 bar
600	0.06	1.3	12.0	300.0	P.P. and EPDM	1/2" male thread	4.0 bar

*For every lateral, should be taken into account when planning the system's flow

PACKAGING DATA

MODEL	QUANTITY	DIMENSIONS (CM)	WEIGHT (KG)	CATALOG NUMBER
540 (black) - box	160	32 x 29 x 49	9.25	32000-007800
540 (brown) - box	160	32 x 29 x 49	9.25	32000-007900
600 (brown) - box	160	32 x 29 x 49	9.25	32000-007850



VACUM BREAKER

FOR VACUM BREAK IN HEAD CONTROL, DRIPPERLINE AND DISTRIBUTING PIPE

SPECIFICATIONS

- Large orifice - allows fast introduction of air into the irrigation system
- Simple structure - 4 parts, easy assembly - reliable operation
- Superior raw materials - resistance to chemical and fertilizers
- Protects pipe system from excessive vacuum and collapse
- Avoids suction of mud back into drippers



Cover

Cap

Diaphragm

Body

TECHNICAL DATA

MATERIAL	CONNECTION	MAX. WORKING PRESSURE	COLOR	LEAKPROOF PRESSURE	AIR SUCTION CAPACITY (MAX)
Reinforced Nylon, P.P. and EPDM	1/2" male thread	4.0 bar	Dark grey	0.6 bar	1.7 liter/second

PACKAGING DATA

	QUANTITY	DIMENSIONS (CM)	WEIGHT (KG)	CATALOG NUMBER
Box	160	32 x 29 x 49	9.25	32000-008400



DNL

DRIPPERLINE NON LEAKAGE VALVE



APPLICATIONS

For use: in nurseries and greenhouses pulsed irrigation, in orchards intensive irrigation and sloped fields, where irrigation precision is imperative. The DNL is unsuitable for subsurface application.

SPECIFICATIONS

- Available in 0.2, 0.4 and 0.6 bar shut- off pressure
- A color coded piston: 0.2 bar – red; 0.4 bar – black; 0.6 bar – brown
- Inlets/outlets: 1/2" male threaded connector (with the possibility of connecting to a suitable dripperline adaptor)
- Ultrasonic welding of the newly improved cover and body
- A new silicon diaphragm enables much more pulses and suitable for intensive pulse irrigation

FEATURES AND BENEFITS

- Automatic end of irrigation shut-off valve
- Prevents water backflow or drainage of the system into low areas
- Eliminates the need for system water refill at the beginning of the next irrigation cycle
- Solution for: pulsed irrigation in greenhouses and nurseries. Intensive irrigation in orchards. Slope fields where irrigation precision is imperative

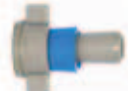
TYPICAL INSTALLATION



LOGISTIC INFORMATION & SAP CATALOGUE NUMBERS

CATALOG NUMBER	PRODUCT DESCRIPTION	PRODUCT PICTURE
32000-003550 32000-003555 32000-003558	DNL VALVE 1/2" MTH 2M DNL VALVE 1/2" MTH 2M 10/BAG DNL VALVE 1/2" MTH 2M + SDI COVER	
32000-003560 32000-003565 32000-003568	DNL VALVE 1/2" MTH 4M DNL VALVE 1/2" MTH 4M /10BAG DNL VALVE 1/2" MTH 4M+SDI COVER	
32000-003570 32000-003580 32000-003590	DNL VALVE 1/2" MTH 6M DNL VALVE 1/2" MTH 6M 10/BAG DNL VALVE 1/2" MTH 6M+SDI COVER	
32000-003595 32000-003597 32000-003592	DNL VALVE 1/2" MTH 8M DNL VALVE 1/2" MTH 8M 10/BAG DNL VALVE 1/2" MTH 8M+SDI COVER	

The DNL valve can be connected to the laterals with one of the following Netafim™ adapters (to be ordered separately):

CATALOG NUMBER	PRODUCT DESCRIPTION	PRODUCT PICTURE
32500-018047	1/2" FEMALE THREADED ADAPTER FOR FAST CONNECTOR 16 W/RING	
32500-018265	1/2" FEMALE THREADED ADAPTER FOR FAST CONNECTOR 22 W/RING	
32500-013380 32500-007560 32500-010275	1/2" FEMALE THREADED ADAPTER FOR BARB 16 1/2" FEMALE THREADED ADAPTER FOR BARB 17 1/2" FEMALE THREADED ADAPTER FOR BARB 20	

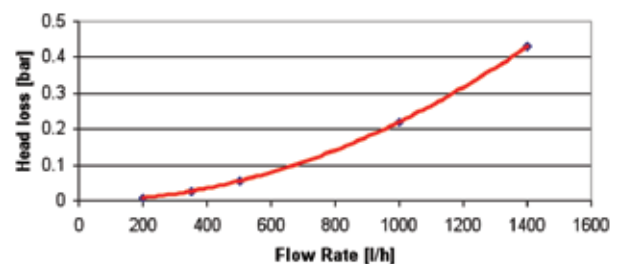
PACKAGING DATA

WEIGHT (KG)	DIMENSIONS (CM)	QUANTITY	MODEL
7.1	24.8 x 27 x 56	350	DNL w/mth conn.

TECHNICAL INFORMATION

FLOW RATE RECOMMENDED RANGE (L/H)	MAX. WORKING PRESSURE (BAR)	MIN. OPERATING PRESSURE (BAR)	SHUT-OFF PRESSURE (BAR)	INLET/OUTLET
0-1000	4	0.8	0.2	1/2" male th.
0-1000	4	1.2	0.4	1/2" male th.
0-1000	4	1.6	0.6	1/2" male th.

DNL - HEAD LOSS





PRESSURE REGULATOR

FOR USE IN ALL IRRIGATION SYSTEMS



SPECIFICATIONS

- Sealed regulating units, field replaceable (2000 Series)
- Built in indicator pops out when proper pressure is achieved (2000 Series)
- Accurate regulator for Low-Flow application (In-Line Serie)
- For extreme chemical application and lower maximum inlet pressure in mining etc. (In-Line Chemical)



3/4 " In-Line



3/4 " x 1 (2000)



1 1/2 " x 2 (2000)



2 " x 4 (2000)



2 " x 6 (2000)



3 " x 10 (2000)

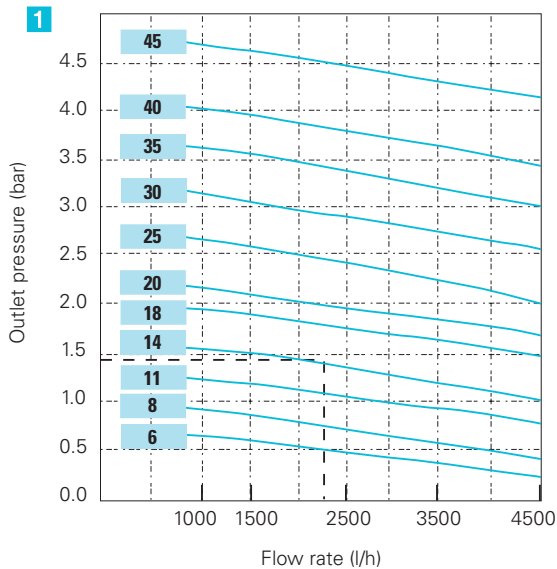
PRESSURE REGULATORS SELECTION

PRODUCT	MODEL	MIN. FLOW RATE	MAX. FLOW RATE M ³ /H	MAX. INLET PRESSURE M ³ /H	BODY MATERIAL
3/4" In-Line (Low Flow)	In-Line	0.05	1.0	10	Plastic, black
3/4" In-Line (Chemical)	In-Line	0.05	1.0	4	Plastic, purple
3/4" (1 spring)	2000	0.8	4.5	10	Plastic, black
1 1/2" (2 springs)	2000	1.6	9.0	10	Plastic, black
2" (4 springs)	2000	3.2	18.0	10	Bronze
2" (6 springs)	2000	4.8	27.0	10	Bronze
3" (10 springs)	2000	8.0	45.0	10	Bronze

AVAILABLE REGULATING UNITS FOR 2000 SERIES (OUTLET PRESSURE BAR)

0.6, 0.8, 1.1, 1.4, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5

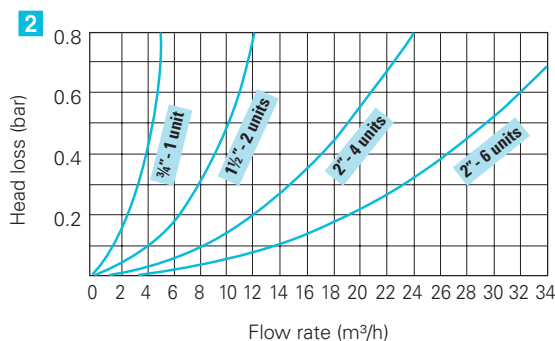
2000 SERIES OUTLET PRESSURE VS. FLOW RATE



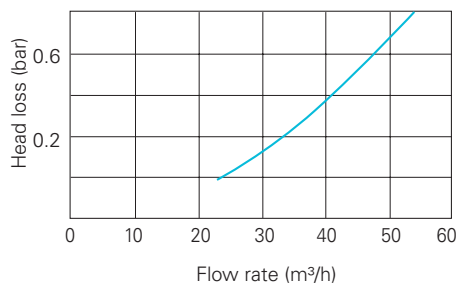
EXAMPLE: FLOW RATE – OUTPUT PRESSURE

- Given flow rate = 14.0 m³/h
- Required output pressure = 1.4 bar
- Calculation: Selected product = PRV 2" x 6 springs.
- Headloss across the PRV unit at 14.0 m³/h = 0.12 bar (graph 2).
- Flow rate per spring = 14:6 = 2.3 m³/h.
- Selected spring 1.4 = output pressure at 2.3 m³/h is 1.4 bar (graph 1).
- Total minimum required inlet pressure = 1.4 + 0.12 + 0.2 (0.2 bar is constant addition to move the piston out) = 1.72 bar.
- Spring pressure regulator valve = > head loss + actual output pressure + 0.2 bar = minimum required inlet pressure.

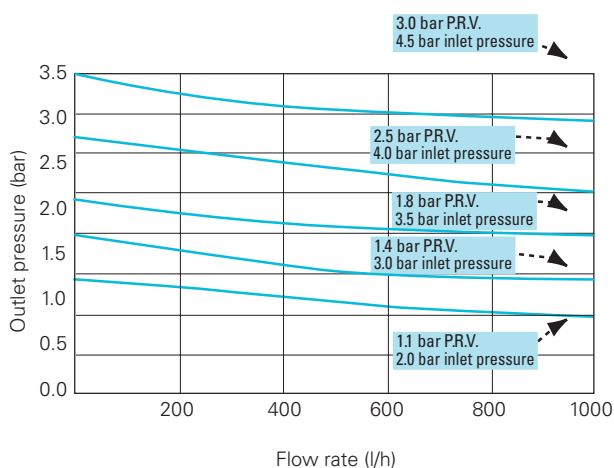
PRESSURE REGULATORS (HEAD LOSS VS. FLOW RATE)



3"X10 (HEAD LOSS VS. FLOW RATE)



IN-LINE OUTLET PRESSURE VS. FLOW RATE



IN-LINE LOW FLOW PRESSURE REGULATOR

- Plastic body, corrosion resistant
- Stainless steel spring
- Min. flow rate 50 l/h, max. flow rate 1000 l/h
- Inlet and outlet connector 3/4 " female
- Max. inlet pressure: 10 bar
- Spring for drip irrigation: 1.1, 1.4 and 1.8 bar
- Spring for sprinklers: 2.5 and 3.0 bar with 1/2" female threaded at the outlet



PRESSURE REGULATORS

INLINE PRV 3/4"

PART NO.	DESCRIPTION	FLOW RANGE M ³ /H / GPM	NOMINAL OUTPUT PRESSURE	MAX OPERATING PRESSURE	REGULATING UNITS
31000-001000	INLINE PR.V. 3/4" 1.1 BAR 15 PSI	0.05-1 / 0.25-4.4	1.1 BAR / 15 PSI	10 BAR / 145 PSI	1
31000-001100	INLINE PR.V. 3/4" 1.1 BAR 15PSI MINING	0.05-1 / 0.25-4.4	1.1 BAR / 15PSI	4 BAR / 60 PSI	1
31000-001120	INLINE PR.V. 3/4" 1.4 BAR 20 PSI	0.05-1/ 0.25-4.4	1.4 BAR / 20 PSI	10 BAR / 145 PSI	1
31000-001140	INLINE PR.V. 3/4" 1.4 BAR 20PSI MINING	0.05-1 / 0.25-4.4	1.4 BAR / 20PSI	4 BAR / 60 PSI	1
31000-001160	INLINE PR.V. 3/4" 1.8 BAR 25 PSI	0.05-1 / 0.25-4.4	1.8 BAR / 25 PSI	10 BAR / 145 PSI	1
31000-001180	INLINE PR.V. 3/4" 1.8 BAR 25PSI MINING	0.05-1 / 0.25-4.4	1.8 BAR / 25PSI	4 BAR / 60 PSI	1
31000-001200	INLINE PR.V. 3/4" 2.5 BAR 35 PSI	0.05-1 / 0.25-4.4	2.5 BAR / 35 PSI	10 BAR / 145 PSI	1
31000-001300	INLINE PR.V. 3/4" 2.5 BAR 35 PSI MINING	0.05-1 / 0.25-4.4	2.5 BAR / 35 PSI	4 BAR / 60 PSI	1
31000-001400	INLINE PR.V. 3/4" 3.0 BAR 43 PSI	0.05-1 / 0.25-4.4	3.0 BAR / 43 PSI	10 BAR / 145 PSI	1
31000-001500	INLINE PR.V. 3/4" 3.0 BAR 43PSI MINING	0.05-1 / 0.25-4.4	3.0 BAR / 43PSI	4 BAR / 60 PSI	1
31000-002200	INLINE PR.V. 3/4"*1/2" 2.5 BAR 35 PSI	0.05-1 / 0.25-4.4	1.8 BAR / 25PSI	10 BAR / 145 PSI	1
31000-002300	INLINE PR.V. 3/4"*1/2" 1.1 BAR MINING	0.05-1 / 0.25-4.4	2.5 BAR / 35 PSI	4 BAR / 60 PSI	1
31000-002330	INLINE PR.V. 3/4"*1/2" 1.4 BAR MINING	0.05-1 / 0.25-4.4	2.5 BAR / 35 PSI	4 BAR / 60 PSI	1
31000-002360	INLINE PR.V. 3/4"*1/2" 1.8 BAR MINING	0.05-1 / 0.25-4.4	3.0 BAR / 43 PSI	4 BAR / 60 PSI	1
31000-002390	INLINE PR.V. 3/4"*1/2" 2.5 BAR MINING	0.05-1 / 0.25-4.4	3.0 BAR / 43PSI	4 BAR / 60 PSI	1



PRV 2000 3/4"

30500-001000	PR.V. 2000 3/4" 0.6 BAR 9 PSI	0/8-4.5 / 3.5-17.6	0.6 BAR / 9 PSI	10 BAR / 145 PSI	1
30500-001100	PR.V. 2000 3/4" 0.8 BAR 12 PSI	0/8-4.5 / 3.5-17.6	0.8 BAR / 12 PSI	10 BAR / 145 PSI	1
30500-001200	PR.V. 2000 3/4" 1.1 BAR 15 PSI	0/8-4.5 / 3.5-17.6	1.1 BAR / 15 PSI	10 BAR / 145 PSI	1
30500-001300	PR.V. 2000 3/4" 1.4 BAR 20 PSI	0/8-4.5 / 3.5-17.6	1.4 BAR / 20 PSI	10 BAR / 145 PSI	1
30500-001400	PR.V. 2000 3/4" 1.8 BAR 25 PSI	0/8-4.5 / 3.5-17.6	1.8 BAR / 25 PSI	10 BAR / 145 PSI	1
30500-001500	PR.V. 2000 3/4" 2.0 BAR 30 PSI	0/8-4.5 / 3.5-17.6	2.0 BAR / 30 PSI	10 BAR / 145 PSI	1
30500-001600	PR.V. 2000 3/4" 2.5 BAR 35 PSI	0/8-4.5 / 3.5-17.6	2.5 BAR / 35 PSI	10 BAR / 145 PSI	1
30500-001700	PR.V. 2000 3/4" 3.0 BAR 43 PSI	0/8-4.5 / 3.5-17.6	3.0 BAR / 43 PSI	10 BAR / 145 PSI	1
30500-001800	PR.V. 2000 3/4" 3.5 BAR 50 PSI	0/8-4.5 / 3.5-17.6	3.5 BAR / 50 PSI	10 BAR / 145 PSI	1
30500-001900	PR.V. 2000 3/4" 4.0 BAR 57 PSI	0/8-4.5 / 3.5-17.6	4.0 BAR / 57 PSI	10 BAR / 145 PSI	1
30500-002000	PR.V. 2000 3/4" 4.5 BAR 65 PSI	0/8-4.5 / 3.5-17.6	4.5 BAR / 65 PSI	10 BAR / 145 PSI	1



PRV 2000 1.5" 2 units

30520-001000	PR.V. 2000 1.5" 0.6 BAR 9 PSI 2U	1.6-9 / 7-35	0.6 BAR / 9 PSI	10 BAR / 145 PSI	2
30520-001100	PR.V. 2000 1.5" 0.8 BAR 12 PSI 2U	1.6-9 / 7-35	0.8 BAR / 12 PSI	10 BAR / 145 PSI	2
30520-001200	PR.V. 2000 1.5" 1.1 BAR 15 PSI 2U	1.6-9 / 7-35	1.1 BAR / 15 PSI	10 BAR / 145 PSI	2
30520-001300	PR.V. 2000 1.5" 1.4 BAR 20 PSI 2U	1.6-9 / 7-35	1.4 BAR / 20 PSI	10 BAR / 145 PSI	2
30520-001400	PR.V. 2000 1.5" 1.8 BAR 25 PSI 2U	1.6-9 / 7-35	1.8 BAR / 25 PSI	10 BAR / 145 PSI	2
30520-001500	PR.V. 2000 1.5" 2.0 BAR 30 PSI 2U	1.6-9 / 7-35	2.0 BAR / 30 PSI	10 BAR / 145 PSI	2
30520-001600	PR.V. 2000 1.5" 2.5 BAR 35 PSI 2U	1.6-9 / 7-35	2.5 BAR / 35 PSI	10 BAR / 145 PSI	2
30520-001700	PR.V. 2000 1.5" 3.0 BAR 43 PSI 2U	1.6-9 / 7-35	3.0 BAR / 43 PSI	10 BAR / 145 PSI	2
30520-001800	PR.V. 2000 1.5" 3.5 BAR 50 PSI 2U	1.6-9 / 7-35	3.5 BAR / 50 PSI	10 BAR / 145 PSI	2
30520-001900	PR.V. 2000 1.5" 4.0 BAR 57 PSI 2U	1.6-9 / 7-35	4.0 BAR / 57 PSI	10 BAR / 145 PSI	2
30520-002000	PR.V. 2000 1.5" 4.5 BAR 65 PSI 2U	1.6-9 / 7-35	4.5 BAR / 65 PSI	10 BAR / 145 PSI	2



PRV 2000 2" 4 units

PART NO.	DESCRIPTION	FLOW RANGE M ³ /H / GPM	NOMINAL OUTPUT PRESSURE	MAX OPERATING PRESSURE	REGULATING UNITS
30540-001000	PR.V. 2000 2" BSP 0.6 BAR 9 PSI 4U	3.2-18 / 14-70	0.6 BAR / 9 PSI	10 BAR 145 PSI	4
30540-001100	PR.V. 2000 2" BSP 0.8 BAR 12 PSI 4U	3.2-18 / 14-70	0.8 BAR / 12 PSI	10 BAR 145 PSI	4
30540-001200	PR.V. 2000 2" BSP 1.1 BAR 15 PSI 4U	3.2-18 / 14-70	1.1 BAR / 15 PSI	10 BAR 145 PSI	4
30540-001300	PR.V. 2000 2" BSP 1.4 BAR 20 PSI 4U	3.2-18 / 14-70	1.4 BAR / 20 PSI	10 BAR 145 PSI	4
30540-001400	PR.V. 2000 2" BSP 1.8 BAR 25 PSI 4U	3.2-18 / 14-70	1.8 BAR / 25 PSI	10 BAR 145 PSI	4
30540-001500	PR.V. 2000 2" BSP 2.0 BAR 30 PSI 4U	3.2-18 / 14-70	2.0 BAR / 30 PSI	10 BAR 145 PSI	4
30540-001600	PR.V. 2000 2" BSP 2.5 BAR 35 PSI 4U	3.2-18 / 14-70	2.5 BAR / 35 PSI	10 BAR 145 PSI	4
30540-001700	PR.V. 2000 2" BSP 3.0 BAR 43 PSI 4U	3.2-18 / 14-70	3.0 BAR / 43 PSI	10 BAR 145 PSI	4
30540-001800	PR.V. 2000 2" BSP 3.5 BAR 50 PSI 4U	3.2-18 / 14-70	3.5 BAR / 50 PSI	10 BAR 145 PSI	4
30540-001900	PR.V. 2000 2" BSP 4.0 BAR 57 PSI 4U	3.2-18 / 14-70	4.0 BAR / 57 PSI	10 BAR 145 PSI	4
30540-002000	PR.V. 2000 2" BSP 4.5 BAR 65 PSI 4U	3.2-18 / 14-70	4.5 BAR / 65 PSI	10 BAR 145 PSI	4
30540-002100	PR.V. 2000 2" NPT 0.6 BAR 9 PSI 4U	3.2-18 / 14-70	0.6 BAR / 9 PSI	10 BAR 145 PSI	4
30540-002200	PR.V. 2000 2" NPT 0.8 BAR 12 PSI 4U	3.2-18 / 14-70	0.8 BAR / 12 PSI	10 BAR 145 PSI	4
30540-002300	PR.V. 2000 2" NPT 1.1 BAR 15 PSI 4U	3.2-18 / 14-70	1.1 BAR / 15 PSI	10 BAR 145 PSI	4
30540-002400	PR.V. 2000 2" NPT 1.4 BAR 20 PSI 4U	3.2-18 / 14-70	1.4 BAR / 20 PSI	10 BAR 145 PSI	4
30540-002500	PR.V. 2000 2" NPT 1.8 BAR 25 PSI 4U	3.2-18 / 14-70	1.8 BAR / 25 PSI	10 BAR 145 PSI	4
30540-002600	PR.V. 2000 2" NPT 2.0 BAR 30 PSI 4U	3.2-18 / 14-70	2.0 BAR / 30 PSI	10 BAR 145 PSI	4
30540-002700	PR.V. 2000 2" NPT 2.5 BAR 35 PSI 4U	3.2-18 / 14-70	2.5 BAR / 35 PSI	10 BAR 145 PSI	4
30540-002800	PR.V. 2000 2" NPT 3.0 BAR 43 PSI 4U	3.2-18 / 14-70	3.0 BAR / 43 PSI	10 BAR 145 PSI	4
30540-002900	PR.V. 2000 2" NPT 3.5 BAR 50 PSI 4U	3.2-18 / 14-70	3.5 BAR / 50 PSI	10 BAR 145 PSI	4
30540-003000	PR.V. 2000 2" NPT 4.0 BAR 57 PSI 4U	3.2-18 / 14-70	4.0 BAR / 57 PSI	10 BAR 145 PSI	4
30540-003100	PR.V. 2000 2" NPT 4.5 BAR 65 PSI 4U	3.2-18 / 14-70	4.5 BAR / 65 PSI	10 BAR 145 PSI	4



PRV 2000 2" 6 units

PART NO.	DESCRIPTION	FLOW RANGE M ³ /H / GPM	NOMINAL OUTPUT PRESSURE	MAX OPERATING PRESSURE	REGULATING UNITS
30560-001000	PR.V. 2000 2" BSP 0.6 BAR 9 PSI 6U	4.8-27 / 21-105.6	0.6 BAR / 9 PSI	10 BAR / 145 PSI	6
30560-001100	PR.V. 2000 2" BSP 0.8 BAR 12 PSI 6U	4.8-27 / 21-105.6	0.8 BAR / 12 PSI	10 BAR / 145 PSI	6
30560-001200	PR.V. 2000 2" BSP 1.1 BAR 15 PSI 6U	4.8-27 / 21-105.6	1.1 BAR / 15 PSI	10 BAR / 145 PSI	6
30560-001300	PR.V. 2000 2" BSP 1.4 BAR 20 PSI 6U	4.8-27 / 21-105.6	1.4 BAR / 20 PSI	10 BAR / 145 PSI	6
30560-001400	PR.V. 2000 2" BSP 1.8 BAR 25 PSI 6U	4.8-27 / 21-105.6	1.8 BAR / 25 PSI	10 BAR / 145 PSI	6
30560-001500	PR.V. 2000 2" BSP 2.0 BAR 30 PSI 6U	4.8-27 / 21-105.6	2.0 BAR / 30 PSI	10 BAR / 145 PSI	6
30560-001600	PR.V. 2000 2" BSP 2.5 BAR 35 PSI 6U	4.8-27 / 21-105.6	2.5 BAR / 35 PSI	10 BAR / 145 PSI	6
30560-001700	PR.V. 2000 2" BSP 3.0 BAR 43 PSI 6U	4.8-27 / 21-105.6	3.0 BAR / 43 PSI	10 BAR / 145 PSI	6
30560-001800	PR.V. 2000 2" BSP 3.5 BAR 50 PSI 6U	4.8-27 / 21-105.6	3.5 BAR / 50 PSI	10 BAR / 145 PSI	6
30560-001900	PR.V. 2000 2" BSP 4.0 BAR 57 PSI 6U	4.8-27 / 21-105.6	4.0 BAR / 57 PSI	10 BAR / 145 PSI	6
30560-002000	PR.V. 2000 2" BSP 4.5 BAR 65 PSI 6U	4.8-27 / 21-105.6	4.5 BAR / 65 PSI	10 BAR / 145 PSI	6
30560-002100	PR.V. 2000 2" NPT 0.6 BAR 9 PSI 6U	4.8-27 / 21-105.6	0.6 BAR / 9 PSI	10 BAR / 145 PSI	6
30560-002200	PR.V. 2000 2" NPT 0.8 BAR 12 PSI 6U	4.8-27 / 21-105.6	0.8 BAR / 12 PSI	10 BAR / 145 PSI	6
30560-002300	PR.V. 2000 2" NPT 1.1 BAR 15 PSI 6U	4.8-27 / 21-105.6	1.1 BAR / 15 PSI	10 BAR / 145 PSI	6
30560-002400	PR.V. 2000 2" NPT 1.4 BAR 20 PSI 6U	4.8-27 / 21-105.6	1.4 BAR / 20 PSI	10 BAR / 145 PSI	6
30560-002500	PR.V. 2000 2" NPT 1.8 BAR 25 PSI 6U	4.8-27 / 21-105.6	1.8 BAR / 25 PSI	10 BAR / 145 PSI	6
30560-002600	PR.V. 2000 2" NPT 2.0 BAR 30 PSI 6U	4.8-27 / 21-105.6	2.0 BAR / 30 PSI	10 BAR / 145 PSI	6
30560-002700	PR.V. 2000 2" NPT 2.5 BAR 35 PSI 6U	4.8-27 / 21-105.6	2.5 BAR / 35 PSI	10 BAR / 145 PSI	6
30560-002800	PR.V. 2000 2" NPT 3.0 BAR 43 PSI 6U	4.8-27 / 21-105.6	3.0 BAR / 43 PSI	10 BAR / 145 PSI	6
30560-002900	PR.V. 2000 2" NPT 3.5 BAR 50 PSI 6U	4.8-27 / 21-105.6	3.5 BAR / 50 PSI	10 BAR / 145 PSI	6
30560-003000	PR.V. 2000 2" NPT 4.0 BAR 57 PSI 6U	4.8-27 / 21-105.6	4.0 BAR / 57 PSI	10 BAR / 145 PSI	6
30560-003100	PR.V. 2000 2" NPT 4.5 BAR 65 PSI 6U	4.8-27 / 21-105.6	4.5 BAR / 65 PSI	10 BAR / 145 PSI	6



PRV 2000 3" 10 units

30580-001000	PR.V. 2000 3" BSP 0.6 BAR 9 PSI 10U	8-45 / 35-175	0.6 BAR / 9 PSI	10 BAR / 145 PSI	10
30580-001100	PR.V. 2000 3" BSP 0.8 BAR 12 PSI 10U	8-45 / 35-175	0.8 BAR / 12 PSI	10 BAR / 145 PSI	10
30580-001200	PR.V. 2000 3" BSP 1.1 BAR 15 PSI 10U	8-45 / 35-175	1.1 BAR / 15 PSI	10 BAR / 145 PSI	10
30580-001300	PR.V. 2000 3" BSP 1.4 BAR 20 PSI 10U	8-45 / 35-175	1.4 BAR / 20 PSI	10 BAR / 145 PSI	10
30580-001400	PR.V. 2000 3" BSP 1.8 BAR 25 PSI 10U	8-45 / 35-175	1.8 BAR / 25 PSI	10 BAR / 145 PSI	10
30580-001500	PR.V. 2000 3" BSP 2.0 BAR 30 PSI 10U	8-45 / 35-175	2.0 BAR / 30 PSI	10 BAR / 145 PSI	10
30580-001600	PR.V. 2000 3" BSP 2.5 BAR 35 PSI 10U	8-45 / 35-175	2.5 BAR / 35 PSI	10 BAR / 145 PSI	10
30580-001700	PR.V. 2000 3" BSP 3.0 BAR 43 PSI 10U	8-45 / 35-175	3.0 BAR / 43 PSI	10 BAR / 145 PSI	10
30580-001800	PR.V. 2000 3" BSP 3.5 BAR 50 PSI 10U	8-45 / 35-175	3.5 BAR / 50 PSI	10 BAR / 145 PSI	10
30580-001900	PR.V. 2000 3" BSP 4.0 BAR 57 PSI 10U	8-45 / 35-175	4.0 BAR / 57 PSI	10 BAR / 145 PSI	10
30580-002000	PR.V. 2000 3" BSP 4.5 BAR 65 PSI 10U	8-45 / 35-175	4.5 BAR / 65 PSI	10 BAR / 145 PSI	10
30580-002100	PR.V. 2000 3" NPT 0.6 BAR 9 PSI 10U	8-45 / 35-175	0.6 BAR / 9 PSI	10 BAR / 145 PSI	10
30580-002200	PR.V. 2000 3" NPT 0.8 BAR 12 PSI 10U	8-45 / 35-175	0.8 BAR / 12 PSI	10 BAR / 145 PSI	10
30580-002300	PR.V. 2000 3" NPT 1.1 BAR 15 PSI 10U	8-45 / 35-175	1.1 BAR / 15 PSI	10 BAR / 145 PSI	10
30580-002400	PR.V. 2000 3" NPT 1.4 BAR 20 PSI 10U	8-45 / 35-175	1.4 BAR / 20 PSI	10 BAR / 145 PSI	10
30580-002500	PR.V. 2000 3" NPT 1.8 BAR 25 PSI 10U	8-45 / 35-175	1.8 BAR / 25 PSI	10 BAR / 145 PSI	10
30580-002600	PR.V. 2000 3" NPT 2.0 BAR 30 PSI 10U	8-45 / 35-175	2.0 BAR / 30 PSI	10 BAR / 145 PSI	10
30580-002700	PR.V. 2000 3" NPT 2.5 BAR 35 PSI 10U	8-45 / 35-175	2.5 BAR / 35 PSI	10 BAR / 145 PSI	10
30580-002800	PR.V. 2000 3" NPT 3.0 BAR 43 PSI 10U	8-45 / 35-175	3.0 BAR / 43 PSI	10 BAR / 145 PSI	10
30580-002900	PR.V. 2000 3" NPT 3.5 BAR 50 PSI 10U	8-45 / 35-175	3.5 BAR / 50 PSI	10 BAR / 145 PSI	10
30580-003000	PR.V. 2000 3" NPT 4.0 BAR 57 PSI 10U	8-45 / 35-175	4.0 BAR / 57 PSI	10 BAR / 145 PSI	10
30580-003100	PR.V. 2000 3" NPT 4.5 BAR 65 PSI 10U	8-45 / 35-175	4.5 BAR / 65 PSI	10 BAR / 145 PSI	10



SPARE PARTS FOR PRESSURE REGULATORS

PART NO.	DESCRIPTION
31500-001000	REGULATING UNIT 2000 0.6 BAR 9 PSI
31500-001100	REGULATING UNIT 2000 0.8 BAR 12 PSI
31500-001200	REGULATING UNIT 2000 1.1 BAR 15 PSI
31500-001300	REGULATING UNIT 2000 1.4 BAR 20 PSI
31500-001400	REGULATING UNIT 2000 1.8 BAR 25 PSI
31500-001500	REGULATING UNIT 2000 2.0 BAR 30 PSI
31500-001600	REGULATING UNIT 2000 2.5 BAR 35 PSI
31500-001700	REGULATING UNIT 2000 3.0 BAR 43 PSI
31500-001800	REGULATING UNIT 2000 3.5 BAR 50 PSI
31500-001900	REGULATING UNIT 2000 4.0 BAR 57 PSI
31500-002000	REGULATING UNIT 2000 4.5 BAR 65 PSI



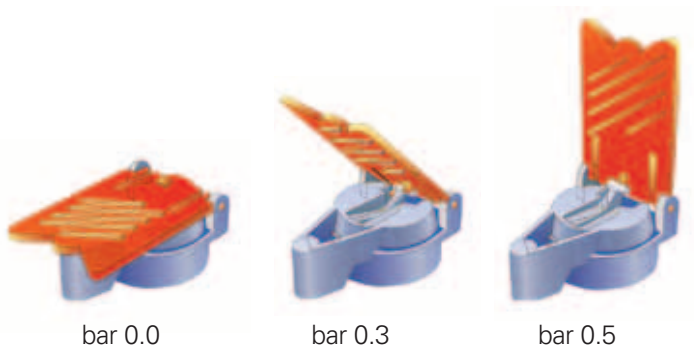


PRESSURE INDICATOR

PROVIDES VISUAL INDICATION OF WATER PRESSURE IN ALL DRIP APPLICATIONS

SPECIFICATIONS

- Water pressure is indicated by a colored flag, visible from distance
- The only indicator enabling rapid, easy and simple control of dripperline pressure



INSTALLATION

1. Insert the start connector
 2. Drive the stake into the ground
- No need for maintenance, adjustment or measurement

PRESSURE INDICATOR INCLUDE

- Body w/flag
- Microtube SPE 3*5mm, 90 cm length
- Start connector
- Plastic stake (33 cm)

PACKAGING DATA

	QUANTITY	DIMENSIONS (CM)	WEIGHT (KG)	CATALOG NUMBER
Box	50	32 x 29 x 49	5.10	32000-002600



PUNCHES

CATALOG. NO.	45000-001600	
PRODUCT	Punch 16 - 20 mm OD	
PRODUCT DESCRIPTION	This model provides the easiest means of holding PE pipes for fitting drippers and/or accessories The hole is always in the center of the pipe and there is no danger of cutting through to the other side of the pipe. Absolutely safe to use – the blade retracts fully after use to protect the worker. When used with larger pipes, the slide adapter is easily removed and stored in the place provided for it.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001615	
PRODUCT	Punch 25-32 mm OD	
PRODUCT DESCRIPTION	This model provides the easiest means of holding PE pipes for fitting drippers and/or accessories The hole is always in the center of the pipe and there is no danger of cutting through to the other side of the pipe. Absolutely safe to use – the blade retracts fully after use to protect the worker. When used with larger pipes, the slide adapter is easily removed and stored in the place provided for it.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001630	
PRODUCT	Multi diam punch	
PRODUCT DESCRIPTION	The spiral penetration of the blade into the pipe facilitates the operation, thus thousands of holes can be punched in a short time. By turning the button at the base of the tool, the size can be adjusted between 12mm to 32mm to accommodate the desired pipe.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001100	
PRODUCT	Mini punch	
PRODUCT DESCRIPTION	A small punch suitable for private garden owners	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001200	
PRODUCT	Plastic punch	
PRODUCT DESCRIPTION	A reliable and strong plastic punch designed with a comfortable grip handle Extra feature – a specially designed insertion adapter can be mounted onto this tool.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001320	
PRODUCT	Plastic punch +Inserter	
PRODUCT DESCRIPTION	A reliable and strong plastic punch designed with a comfortable grip handle Extra feature – a specially designed insertion adapter	
HOLE	3 mm diam.	

PUNCHES

CATALOG. NO.	45000-001000 3mm, 45000-001400 8mm	 
PRODUCT	Metal punch	
PRODUCT DESCRIPTION	A reliable and strong metal punch	
HOLE	3 mm, 8mm diam.	

CATALOG. NO.	45000-001390	
PRODUCT	Andle tool for PCJ self piercing	
PRODUCT DESCRIPTION	A tool for inserting PCJ self piercing drippers	
HOLE	3 mm diam.	

INSERTION CONNECTORS

CATALOG. NO.	45000-002260	
PRODUCT	Insertion connector	
PRODUCT DESCRIPTION	A tool for inserting connector components into micro tubes . The ideal solution for inserting connector components, drippers or start connectors into 3*5 mm. micro tube . This tool is suitable for greenhouse and nursery installations, gardeners, garden owners, garden contractors and agriculturalists By turning the drum the correct hole for the connector can be aligned with the groove in the grips, the piping and connector are placed in position and by a swift squeeze of the handle the connector is pushed firmly into the piping.	
HOLE	3*5 mm. micro tube	
	For 4X6.5 micro tube use: 45000-002270	

DRIPPER INSERTION TOOL

CATALOG. NO.	45000-001380	
PRODUCT	PCJ dripper insertion tool	
PRODUCT DESCRIPTION	Auxiliary tool designed for insertion of PCJ drippers into distributor pipes with different diams in one act (no punching is required). There is no need for punching prior to insertion. Easy to operate and allows continuous work and multiple installations without blade replacement. The product is designed mainly to help farmer and/or installer with the installation of multiple drippers in greenhouses and/ or orchards.	
HOLE	Any distributor pipe diam. (16-20-25-32mm).	

MULTI-FUNCTIONAL TOOL

CATALOG. NO.	45000-001370	
PRODUCT	Multi-functional tool	
PRODUCT DESCRIPTION	The tool is small and compact, comfortable and easy to use, efficient, time saving and safe to operate. Punches 3 mm and 4 mm holes, cuts piping from 5 mm to 20 mm to required length, inserts drippers and sprinklers, inserts spaghetti piping with connector into the main pipe, inserts connector components and woodpecker plugs, and easily holds start connectors for inserting into a pipe.	
HOLE	3 and 4 mm. diam. (include 2 blades)	





K'LIPTX

MULTI- FUNCTIONAL TOOL



APPLICATION

K'LIPTX is an innovative tool to easily and surely assemble online drippers on polyethylene pipe from Ø 16 to 20 mm and from 5/8" to 3/4".

SPECIFICATIONS

- Its patented system allows a double use: drill pipe & assembly on the dripper.
- Effortlessly drills the pipe and protects against any inappropriate drilling on its opposite side.
- Automatically assembles the dripper on the drilling axis.
- Automatically and precisely inserts the dripper into the drilling location to ensure a leak free assembly.
- Usable with 16 & 20mm pipes (5/8" & 3/4")

FEATURES & BENEFITS

- K'LIPTX is instantly operational and requires no special knowledge or training.
- K' LIPTX is specifically designed to connect your dripper even in a "blind" assembly.
- K' LIPTX safely connects your dripper, and performs an automatically leak free assembly.
- K'LIPTX is an efficient solution for irrigation: time & cost saving solution, more leak free dripper assembly in less time than any other system!



PACKAGING DATA

	QUANTITY	DIMENSIONS (CM)	WEIGHT (GR)	CATALOG NUMBER
Box	1	22 x 10.5 x 4.5	250	45000-001595

LAYFLAT TOOLS

PUNCH

CATALOG. NO.	45000-001560	
PRODUCT	17 mm. punch for Layflat start connectors	
PRODUCT DESCRIPTION	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the layflat hose. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
HOLE	Layflat hose.	

SECURE TOOL

CATALOG. NO.	45000-003290	
PRODUCT	Hexagonal secure tool 3/8"	
PRODUCT DESCRIPTION	Hexagonal secure tool for layflat start connectors designed for 16-17mm dripperlines	
HOLE	Layflat start connectors	

SECURE TOOL

CATALOG. NO.	45000-003280	
PRODUCT	Hexagonal secure tool 1/2"	
PRODUCT DESCRIPTION	Hexagonal secure tool 1/2" for layflat start connectors connectors designed for 20-22 mm dripperlines .	
HOLE	Layflat start connectors	

TIGHTENER

CATALOG. NO.	45000-003260	
PRODUCT	Tightener tool	
PRODUCT DESCRIPTION	A special tool to tighten the connector against the hexagonal tool will enable the installer to exert greater force while closing and thus assemble the layflat start connector properly.	
HOLE	Layflat start connectors	

FLATNET™/POLINET™ IN-FIELD START CONNECTOR TOOLS

PUNCH

CATALOG. NO.	45000-001590	
PRODUCT	16 mm. punch for PLN/FTN in-field start connector	
PRODUCT DESCRIPTION	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the FTN/PLN hose. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
HOLE	FTN/PLN hose.	

SECURE TOOL

CATALOG. NO.	45000-003290	
PRODUCT	Hexagonal secure tool 3/8"	
PRODUCT DESCRIPTION	Hexagonal secure tool for FTN/PLN start connectors designed for 16-17mm dripperlines	
HOLE	FTN/PLN start connectors	

TIGHTENER

CATALOG. NO.	45000-002160	
PRODUCT	Tightener tool	
PRODUCT DESCRIPTION	A special tool to tighten the connector against the hexagonal tool will enable the installer to exert greater force while closing and thus assemble the FTN/PLN start connector properly.	
HOLE	FTN/PLN start connectors	

POLYNET™ TOOLS

PUNCH

CATALOG. NO.	45000-001570	
PRODUCT	20 mm. punch for PolyNet™ start connectors	
PRODUCT DESCRIPTION	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the PolyNet™ hose. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
HOLE	PolyNet™	

HEXAGONAL FASTENER

CATALOG. NO.	45000-003280	
PRODUCT	Hexagonal fastener tool ½"	
PRODUCT DESCRIPTION	Hexagonal fastener tool ½" for PolyNet™ start connectors.	
HOLE	PolyNet™ start connectors	

TIGHTENER

CATALOG. NO.	45000-001670	
PRODUCT	Tightener tool	
PRODUCT DESCRIPTION	A special tool to tighten the connector against the hexagonal tool will enable the installer to exert greater force while closing and thus assemble the PolyNet™ start connector properly.	
HOLE	PolyNet™ start connectors.	

PUNCH

CATALOG. NO.	45000-001580	
PRODUCT	42 mm punch to be used with in-field furrow start connectors	
PRODUCT DESCRIPTION	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the in-field furrow start connector. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
HOLE	In-field furrow start connector on PolyNet pipe	

FASTENER TOOL F/FURROW START CONNECTOR

CATALOG. NO.	45000-001680	
PRODUCT	Fastener tool f/furrow start connector	
PRODUCT DESCRIPTION	In-field furrow start connector fastener key	
HOLE	In-field furrow start connector on PolyNet pipe	

TIGHTENER

CATALOG. NO.	45000-001690	
PRODUCT	Tightener tool f/furrow start connectors	
PRODUCT DESCRIPTION	A special tool to tighten the connector against the fastener tool will enable the installer to exert greater force while closing and thus assemble the In-field furrow start connector.	
HOLE	In-field furrow start connector on PolyNet pipes	

