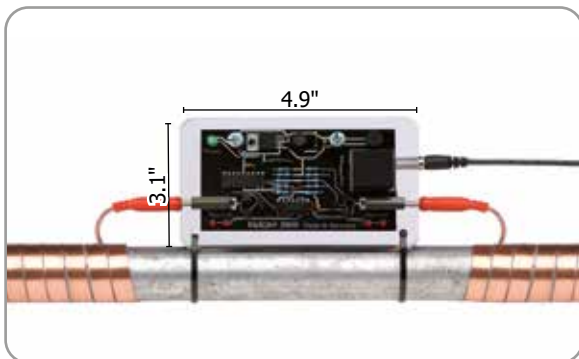


# Private Line

## Technical Data



### Vulcan 3000

Max. Capacity range 13 gpm (3000 l/h)

Min. - Max. Pipe diameter 1/2" - 1 1/2"  
(13 - 38mm)

Voltage 36 Volt

Wattage 2.0 Watt

Impulse cable 2 x 39" (2 x 1 m)  
Band width 0.4" (10 mm)

Impulse cable 21.5"  
Wire extensions (550 mm)

Measurements 4.9"/3.1"/1.2"  
(electronic unit) (125/80/30 mm)

Frequency range 3-32 kHz

Required space 10"  
(250 mm)

Programs 1

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

#### Scope of delivery

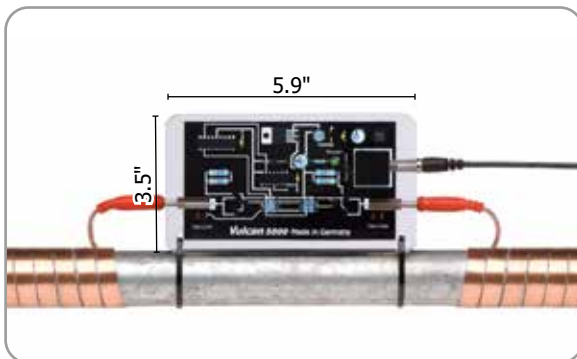
- 1 Vulcan 3000 electronic unit
- 2 Vulcan Impulse bands
- 1 Power supply
- 8 Cable ties
- 1 Product brochure
- 1 Warranty card

#### Shipping Measurements (gross)

<b>Single unit</b>	14.6" x 12.6" x 3.9" 3.1 lbs	37 x 32 x 9 cm 1.4 kg
<b>Box of 5</b>	15.4" x 13.4" x 19.3" 19.8 lbs	39 x 34 x 49 cm 9.0 kg
<b>Box of 10</b>	26.4" x 15.7" x 19.3" 37.5 lbs	67 x 40 x 49 cm 17.0 kg



# Private Line Technical Data



## Vulcan 5000

Max. Capacity range 35 gpm (8000 l/h)

Min. - Max. Pipe diameter 1" - 2"  
(25 - 50 mm)

Voltage 36 Volt

Wattage 2.0 Watt

Impulse cable 2 x 79" (2 x 2 m)  
Band width 0.4" (10 mm)

Impulse cable Wire extensions 21.5"  
(550 mm)

Measurements (electronic unit) 5.9"/3.5"/1.2"  
(150/90/30 mm)

Frequency range 3-32 kHz

Required space 14"  
(350 mm)

Programs 1

### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

### Scope of delivery

- 1 Vulcan 5000 electronic unit
- 2 Vulcan Impulse bands
- 1 Power supply
- 8 Cable clips
- 1 Product brochure
- 1 Warranty card

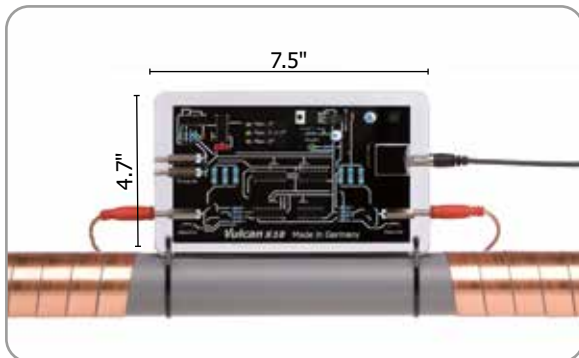
### Shipping Measurements (gross)

<b>Single unit</b>	14.6" x 12.6" x 3.9" 3.1 lbs	37 x 32 x 9 cm 1.4 kg
<b>Box of 5</b>	15.4" x 13.4" x 19.3" 19.8 lbs	39 x 34 x 49 cm 9.0 kg
<b>Box of 10</b>	26.4" x 15.7" x 19.3" 37.5 lbs	67 x 40 x 49 cm 17.0 kg



# Commercial Line

## Technical Data



### Vulcan S10

Max. Capacity range 65 gpm (15 m<sup>3</sup>/h)

Min. - Max. Pipe diameter 2" - 3"  
(50 - 76 mm)

Voltage 36 Volt

Wattage 2.25 Watt

Impulse cable 2 x 118" (2 x 3 m)  
Band width 0.8" (20 mm)

Impulse cable Wire extensions 33.5"  
(850 mm)

Measurements (electronic unit) 7.5"/4.7"/1.6"  
(190/120/40 mm)

Frequency range 3-32 kHz

Required space 20" (500 mm)

Programs 3

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

### Scope of delivery

- 1 Vulcan S10 electronic unit
- 2 Vulcan Impulse bands
- 1 Power supply
- 8 Cable ties
- 1 Product information brochure
- 1 Warranty card

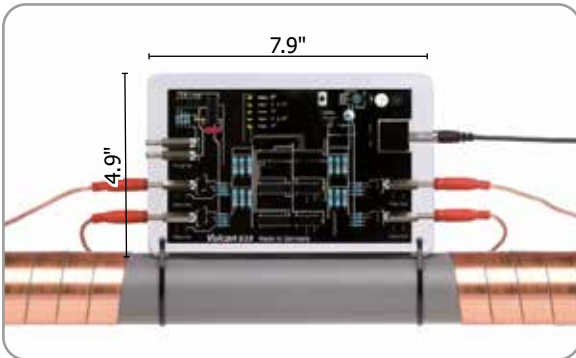
### Shipping Measurements (gross)

<b>Single unit</b>	20.5" x 16.9" x 5.9" 8.8 lbs	52 x 43 x 15 cm 4.0 kg
<b>Box of 2</b>	26.4" x 15.7" x 19.3" 19.8 lbs	67 x 40 x 49 cm 9.0 kg
<b>Box of 4</b>	27.6" x 23.6" x 19.3" 37.5 lbs	70 x 60 x 49 cm 17.0 kg



# Commercial Line

## Technical Data



### Vulcan S25

Max. Capacity range 130 gpm (30 m<sup>3</sup>/h)

Min. - Max. Pipe diameter 2" - 4"  
(50 - 100 mm)

Voltage 36 Volt

Wattage 2.25 Watt

Impulse cable 4 x 118" (4 x 3 m)  
Band width 0.8" (20 mm)

Impulse cable Wire extensions 33.5"  
(850 mm)

Measurements (electronic unit) 7.9"/5.1"/1.6"  
(200/130/40 mm)

Frequency range 3-32 kHz

Required space 32" (800 mm)

Programs 5

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

#### Scope of delivery

- 1 Vulcan S25 electronic unit
- 4 Vulcan Impulse bands
- 1 Power supply
- 12 Cable ties
- 1 Product information brochure
- 1 Warranty card

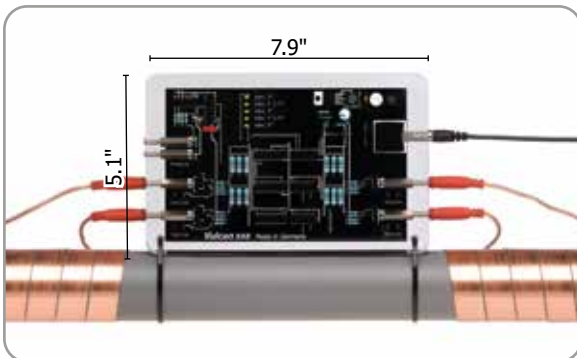
#### Shipping Measurements (gross)

<b>Single unit</b>	20.5" x 16.9" x 5.9" 8.8 lbs	52 x 43 x 15 cm 4.0 kg
<b>Box of 2</b>	26.4" x 15.7" x 19.3" 20.9 lbs	67 x 40 x 49 cm 9.5 kg
<b>Box of 4</b>	27.6" x 23.6" x 19.3" 39.7 lbs	70 x 60 x 49 cm 18.0 kg



# Commercial Line

## Technical Data



### Vulcan S50

Max. Capacity range	300 gpm (70 m <sup>3</sup> /h)
Min. - Max. Pipe diameter	3" - 5" (76 - 125 mm)
Voltage	36 Volt
Wattage	2.25 Watt
Impulse cable Band width	4 x 13' 2" (4 x4 m) 0.8" (20 mm)
Impulse cable Wire extensions	35.5" (900 mm)
Measurements (electronic unit)	7.9"/5.1"/1.6" (200/130/40 mm)
Frequency range	3-32 kHz
Required space	35" (900 mm)
Programs	5

#### Electronic Switching power supply unit

In	87-260 Volt 50-60 Hz
Out	36 Volt 160 mA

#### Scope of delivery

- 1 Vulcan S50 electronic unit
- 4 Vulcan Impulse bands
- 1 Power supply
- 12 Cable ties
- 1 Product information brochure
- 1 Warranty card

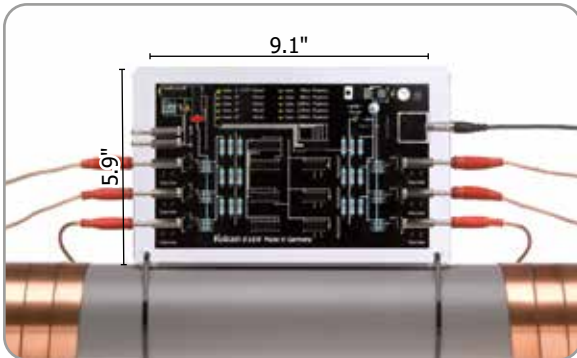
#### Shipping Measurements (gross)

<b>Single unit</b>	20.5" x 16.9" x 5.9" 8.8 lbs	52 x 43 x 15 cm 4.0 kg
<b>Box of 2</b>	26.4" x 15.7" x 19.3" 20.9 lbs	67 x 40 x 49 cm 9.5 kg
<b>Box of 4</b>	27.6" x 23.6" x 19.3" 39.7 lbs	70 x 60 x 49 cm 18.0 kg



# Commercial Line

## Technical Data



### Vulcan S100

Max. Capacity range 530 gpm (120 m<sup>3</sup>/h)

Min. - Max. Pipe diameter 2½" - 6"  
(64 - 150 mm)

Voltage 36 Volt

Wattage 2.5 Watt

Impulse cable 6 x 13' 2" (6 x 4 m)  
Band width 0.8" (20 mm)

Impulse cable 35.5"  
Wire extensions (900 mm)

Measurements (electronic unit) 9.1"/5.9"/1.6"  
(230/150/40 mm)

Frequency range 3-32 kHz

Required space 47" (1200 mm)

Programs 10

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

### Scope of delivery

- 1 Vulcan S100 electronic unit
- 6 Vulcan Impulse bands
- 1 Power supply
- 16 Cable ties
- 1 Product brochure
- 1 Warranty card

### Shipping Measurements (gross)

<b>Single unit</b>	20.5" x 16.9" x 5.9"	52 x 43 x 15 cm
	11.7 lbs	5.3 kg

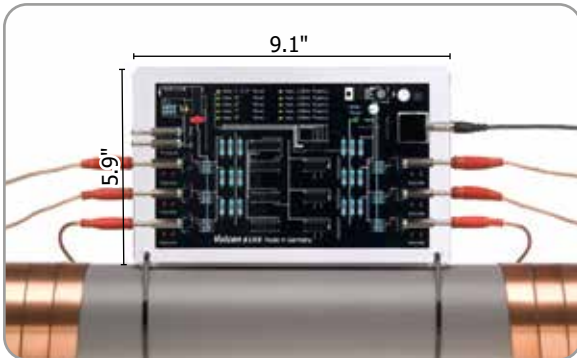
<b>Box of 2</b>	26.4" x 15.7" x 19.3"	67 x 40 x 49 cm
	28.7 lbs	13.0 kg

<b>Box of 4</b>	27.6" x 23.6" x 19.3"	70 x 60 x 49 cm
	50.7 lbs	23.0 kg



# Industrial Line

## Technical Data



### Vulcan S150

Max. Capacity range 790 gpm (180 m<sup>3</sup>/h)

Min. - Max. Pipe diameter 4½" - 8"  
(114 - 200 mm)

Voltage 36 Volt

Wattage 2.5 Watt

Impulse cable 6 x 26' 3" (6 x 8 m)  
Band width 0.8" (20 mm)

Impulse cable 9' 10"  
Wire extensions (3000 mm)

Measurements (electronic unit) 9.1"/5.9"/1.6"  
(230/150/40 mm)

Frequency range 3-32 kHz

Required space 71" (1800 mm)

Programs 10

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

### Scope of delivery

- 1 Vulcan S150 electronic unit
- 6 Vulcan Impulse bands
- 1 Power supply
- 16 Cable ties
- 1 Product brochure
- 1 Warranty card

### Shipping Measurements (gross)

<b>Single unit</b>	20.5" x 16.9" x 5.9"	52 x 43 x 15 cm
	11.7 lbs	5.3 kg

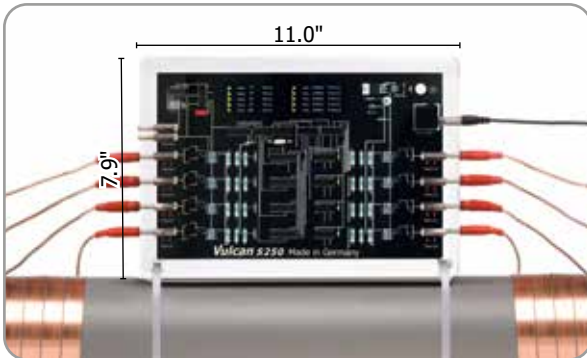
<b>Box of 2</b>	26.4" x 15.7" x 19.3"	67 x 40 x 49 cm
	28.7 lbs	13.0 kg

<b>Box of 4</b>	27.6" x 23.6" x 19.3"	70 x 60 x 49 cm
	50.7 lbs	23.0 kg



# Industrial Line

## Technical Data



### Vulcan S250

Max. Capacity range 1,540 gpm (350 m<sup>3</sup>/h)

Min. - Max. Pipe diameter 4" - 10"  
(100 -250 mm)

Voltage 36 Volt

Wattage 2.75 Watt

Impulse cable 8 x 32' 9" (8 x 10 m)  
Band width 0.8" (20 mm)

Impulse cable 16' 5"  
Wire extensions (5000 mm)

Measurements (electronic unit) 11.0"/7.9"/2.0"  
(280/200/50 mm)

Frequency range 3-32 kHz

Required space 99" (2500 mm)

Programs 10

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

### Scope of delivery

- 1 Vulcan S250 electronic unit
- 8 Vulcan Impulse bands
- 1 Power supply
- 20 Cable ties
- 1 Product brochure
- 1 Warranty card

### Shipping Measurements (gross)

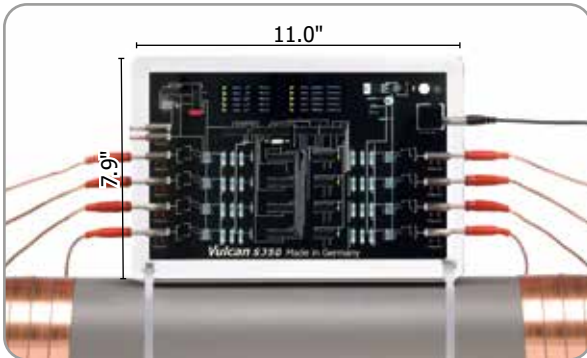
<b>Single unit</b>	26.4" x 15.7" x 19.3"	67 x 40 x 49 cm
	29.8 lbs	13.5 kg





# Industrial Line

## Technical Data



### Vulcan S350

Max. Capacity range	2,200 gpm (500 m <sup>3</sup> /h)
Min. - Max. Pipe diameter	6" - 14" (150 -350 mm)
Voltage	36 Volt
Wattage	2.75 Watt
Impulse cable Band width	8 x 65' 7" (8 x 20 m) 0.8" (20 mm)
Impulse cable Wire extensions	16' 5" (5000 mm)
Measurements (electronic unit)	11.0"/7.9"/2.0" (280/200/50 mm)
Frequency range	3-32 kHz
Required space	11' 2" (3400 mm)
Programs	10
<b>Electronic Switching power supply unit</b>	
In	87-260 Volt 50-60 Hz
Out	36 Volt 160 mA

#### Scope of delivery

- 1 Vulcan S350 electronic unit
- 8 Vulcan Impulse bands
- 1 Power supply
- 36 Cable ties
- 1 Product brochure
- 1 Warranty card

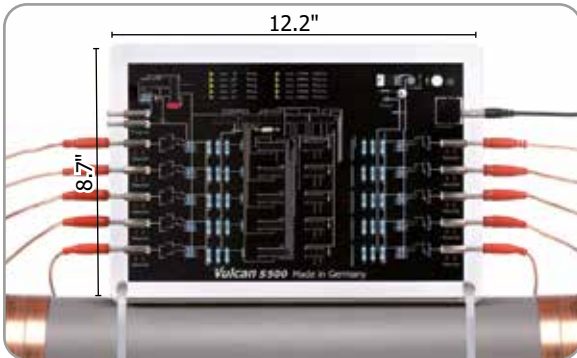
#### Shipping Measurements (gross)

<b>Single unit</b>	26.4" x 15.7" x 19.3"	67 x 40 x 49 cm
	37.5 lbs	17 kg



# Industrial Line

## Technical Data



### Vulcan S500

Max. Capacity range 3,520 gpm (800 m<sup>3</sup>/h)

Min. - Max. Pipe diameter 8" - 20"  
(200 - 500 mm)

Voltage 36 Volt

Wattage 3.25 Watt

Impulse cable 10 x 98' 5" (10 x 30 m)  
Band width 0.8" (20 mm)

Measurements (electronic unit) 12.2"/8.7"/2.0"  
(310/220/50 mm)

Impulse cable 16' 5"  
Wire extensions (5000 mm)

Frequency range 3-32 kHz

Required space 16' 5" (5000 mm)

Programs 10

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

#### Scope of delivery

- 1 Vulcan S500 electronic unit
- 10 Vulcan Impulse bands
- 1 Power supply
- 44 Cable ties
- 1 Product brochure
- 1 Warranty card

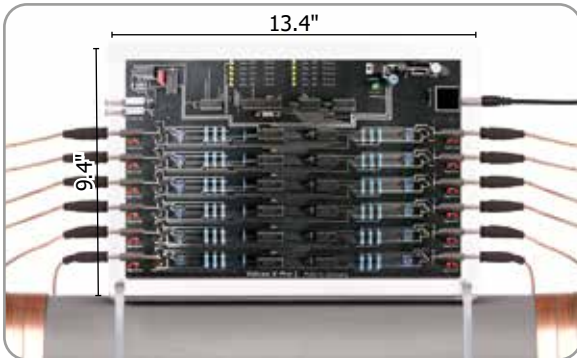
#### Shipping Measurements (gross)

<b>Single unit</b>	27.6" x 23.6" x 19.3"	67 x 40 x 49 cm
	46.3 lbs	21.0 kg



# Industrial Line

## Technical Data



### Vulcan X-Pro 1

Min. - Max. Pipe diameter 20" - 30"  
(500 - 750 mm)

Voltage 36 Volt

Wattage 3.75 Watt

Impulse cable 12 x 82' (12 x 25 m)  
Band width 1.6" (40 mm)

Measurements (electronic unit) 13.4"/9.4"/2.0"  
(340/240/50 mm)

Frequency range 3-32 kHz

Required space 18' 5" (5600 mm)

Programs 10

#### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

#### Scope of delivery

- 1 Vulcan electronic unit
- 12 Vulcan Impulse bands
- 1 Power supply
- 8 Cable ties
- 1 Product brochure
- 1 Warranty card
- 5 Rolls of fixing tape

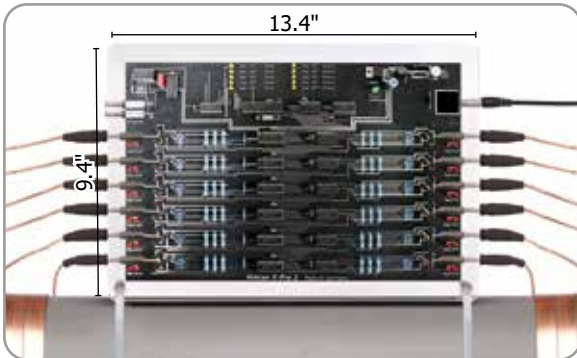
#### Shipping Measurements (gross)

<b>Single unit</b>	27.6" x 23.6" x 19.7"	70 x 60 x 50 cm
	88.2 lbs	40 kg



# Industrial Line

## Technical Data



## Vulcan X-Pro 2

Min. - Max. Pipe diameter	32" - 40" (800 - 1000 mm)
Voltage	36 Volt
Wattage	3.75 Watt
Impulse cable Band width	12 x 164' (12 x 50 m) 1.6" (40 mm)
Measurements (electronic unit)	13.4"/9.4"/2.0" (340/240/50 mm)

Frequency range 3-32 kHz

Required space 26' 11" (8200 mm)

Programs 10

### Electronic Switching power supply unit

In 87-260 Volt  
50-60 Hz

Out 36 Volt  
160 mA

### Scope of delivery

- 1 Vulcan electronic unit
- 12 Vulcan Impulse bands
- 1 Power supply
- 10 Cable ties
- 1 Product brochure
- 1 Warranty card
- 7 Rolls of fixing tape

### Shipping Measurements (gross)

<b>Single unit</b>	<b>Box 1/2</b>	27.6" x 23.6" x 19.7"	70 x 60 x 50 cm
		86 lbs	39 kg
	<b>Box 2/2</b>	26.4" x 15.7" x 19.7"	67 x 40 x 50 cm
		70.5 lbs	32 kg

