

# impulseAir®

Make the switch to superior milking



**milkrite InterPuls**

# How does impulseAir® work?

The ImpulseAir system is a unique and patented milking technology.

Air is introduced behind the milkflow – efficiently moving milk away from the teat ends. Keeping teats dry during milking (by eliminating splashback) lowers bacterial challenges.

ImpulseAir liners also reduce mouthpiece vacuum, which significantly eases teat congestion. It allows the vacuum to do what it is meant to do – remove the milk – without damaging the teat.

ImpulseAir's vented triangular technology provides a more uniform, gentler closing action on the cow's teat end – lowering hyperkeratosis.

The impact-resistant shell has a triangular shaped interior to reduce the total air volume between the shell and the liner. It creates a more responsive liner opening and closing - optimising the milk/rest phases of pulsation.

- 💧 **Gentle three-way teat massage**
- 💧 **Milk drawn away from the teat end – reducing bacterial challenges**
- 💧 **Less cup slip**
- 💧 **Less liner movement – allowing gentle opening and closing phases**
- 💧 **Lighter clusters for less teat stress**
- 💧 **More uniform milking – less hyperkeratosis.**

## Product Range





MILKRITE   INTERPULS REF.	A (mm)	B (mm)	C (mm)	D (mm)
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### Liner range

IP10-AIR	312.5	22.5	9.0	57.9
IP10-01-AIR	287.0	22.5	9.0	57.9
IP13-AIR	303.5	22.5	12.5	57.9
IP15-AIR	320.0	22.5	10.0	57.9
IP25-AIR	278.5	21.1	10.1	57.9

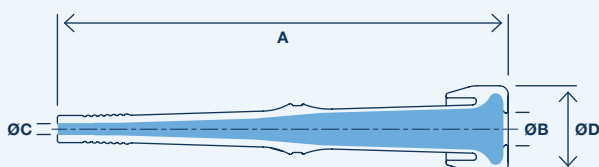
MILKRITE   INTERPULS REF.	DESCRIPTION
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### Claw types

IP10	Fits claws with 12-13mm OD nipples with square cut	
IP10-01	Fits claws with 12-13mm OD nipples with square cut. This is a shorter version to accommodate cows with deeper udders.	
IP13	Fits Harmony-type claws	
IP15 / IP25	Fits claws with 12-13mm OD nipples with angled cut	



### Specifications



- A Total length
- B Orifice diameter
- C Inside milk tube diameter
- D Hood diameter



Conforms to stringent  
BfR and RAL  
guidelines.

## impulseclaw 300

- 💧 **Lightweight**
- 💧 **Ergonomic and patented design making it easy to hold**
- 💧 **The Radel® material makes the claw highly impact-resistant**
- 💧 **Ideally spaced nipples for optimum cluster position and balance**
- 💧 **360° milk flow visibility**



### Triangular liner technology

for a more uniform closing action on the teat ends

### Revolutionary air entrance

eases vacuum impact on teats

### Customisable shell weights

gives a more ergonomic milking

### Triangular -shaped interior

reduces total air volume between the shell and liner

### 360° milk flow visibility

so milk can be monitored during milking

### Impact-resistant

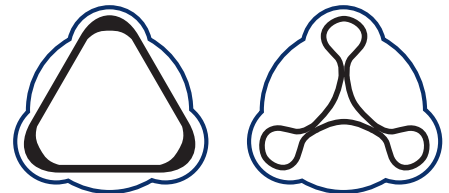
to the rigors of a modern dairy



Stainless steel weight



Plastic weight



Gentle 3-sided massage of the teat during milking

## Choosing the best liner for your herd

Liner performance is significantly improved when the liner closely matches a herd's average teat size.

The advantage of ImpulseAir triangular liners is that they fit a much wider teat range than conventional liners – this is to do with the way they grip the teat. The range includes three wide-bore liners (IP10, IP13, and IP15). The IP10-1 also has a wide-bore head - with a shorter barrel - for deeper-uddered cows.

The IP25 liner is a narrow-bore liner specifically designed for smaller and shorter teats (and for easy milking cows with a high milk-flow rate).





# Great results on-farm



**WAYNE KUHNE** – Bushlea Jerseys:  
420 cows, 20-a-side Rapid Exit  
herringbone (Leongatha, South Gippsland)

*“There is no doubt in my mind that this is probably the best single improvement we’ve ever done in the dairy. Our SCC immediately dropped from 250,000, and we’re now probably closer to a 120,000 to 130,000 average.”*



**ABBY & JASON BURLEIGH**  
240 cows, 22-a-side herringbone  
(Nullawarre, South-west Victoria)

*“What we’ve also really loved about this change is the significant improvement in teat-end condition, and conquering our clinical mastitis outbreaks.”*



**PAUL MUMFORD (left)**  
500 cows, 20 year old – 50 bail rotary  
(Won Wron, East Gippsland)

*“Two years before this upgrade we’d put in the Milkrite ImpluseAir clusters with the triangular shells and liners. They are so light, they milked out the cows better, and it was better for operator comfort.”*

## ImpluseAir jetter solutions

### MR1 jetter

- The nozzle “clip” holds each shell securely while washing
- Recommended use
  - Fixed low-line  
(Requires cluster support)

Designed specifically for  
Milkrite shells that use IP15,  
IP13 & IP10 Liners

**mr1**



### Rubber cup jetter No.4

- Simultaneously washes interior and external liner head
- Available in three sizes: 35mm, 40mm and 45mm to suit a variety of liner styles
- Recommended use
  - Fixed overhead
  - Fixed low-line  
(Requires cluster support)



For more information  
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