

Contamination-free air lines



### **PURESTREAM PIPING**

## Contamination-free air lines

• Compressed Air • Nitrogen • Vacuum

PURESTREAM PIPING is an integrated, flexible system of precision aluminum piping, fittings as well as space age thermo-plastic fittings that responds to the new competitive reality in many industries. Businesses need the ability to integrate new technology and equipment, as well as expand and contract their production capacity quickly and with a minimum of downtime.

The Purestream Piping system, with its easy-to-install or retrofit components and superior construction, saves time and money by minimizing downtime and reducing pressure drop, ensuring that your compressed air distribution system works at maximum efficiency.







## WHY PURESTREAM?

## The Benefits of a Purestream Piping System

SAVE MONEY	Low pressure drop results in significant energy savings	Substantial savings due to lower labour costs	Aluminum pipe cost is similar to steel	Reduces downtime and lost or delayed production
EASY TO INSTALL	Installation is 50% to 75% quicker than with conventional metal pipe systems	Little layout planning required due to system flexibility	Pipe threading equipment is not required	Half the weight of metal pipe systems
LONGER LIFE	Aluminum pipes prevent contamination common in metal pipe systems	Reduced maintenance and equipment replacement costs	Extended life for production machinery	Corrosion resistance prevents leaks



#### **About CAG Technologies**

At CAG Technologies, we design and deliver comprehensive compressed air treatment systems that eliminate the contaminants inherent in compressed air. Unlike companies offering only a limited selection of products, or alternately, manufacturers for whom air treatment and piping systems is only an afterthought.

CAG specializes in compressed air treatment and pipe distribution systems. We strive to provide pure contamination free compressed air, vacuum and N2 to every usage point in your plant air system.

## **PRODUCT FEATURES**

















#### **PIPING**

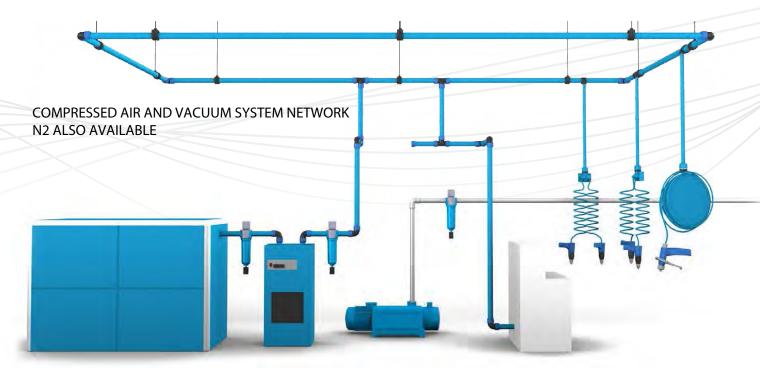
- Tubular extruded aluminum pipe available in three colours: Compressed Air Nitrogen Vacuum
- Available in 8 sizes:20, 25, 32, 40, 50, 63, 80, 110 mm
- Lightweight
- External pipe painted with powder-coated paint
- Smooth clean, non-corrosive, rust proof internal finish
- Easy to install and adapts to existing metal pipe systems

#### **FITTINGS**

- Compression fittings made from polyamide plastic 20-63mm
- Compression fittings made from aluminum alloy 20-110mm
- Smooth internal finish
- Assorted fittings available in 8 sizes
- Metal NPT adapters available for adapting to steel pipe systems
- Quick branch drop leg fitting can be adapted anywhere in the pipe network
- Oil resistant o-rings and seals

CRN registered in Canada, ISO 9002 certified





## PURESTREAM PRODUCTS

						SIZE			
	DESCRIPTION	20	25	32	40	50	63	80	110
	Blue Aluminum Pipe CODE: TUAL	<b>√</b>	✓	✓	✓	✓	✓	✓	✓
	Grey Aluminum Pipe  CODE: TUALGY	✓	✓	✓	✓	✓	✓	✓	
	Green Aluminum Pipe CODE: TUALG	✓	✓		✓		✓		
	Double Bend CODE: SCI	<b>√</b>	✓						
	Coupling CODE: MAPA	✓	✓	✓	✓	✓	✓		
	Aluminum Coupling CODE: MAAL	✓	✓	✓	✓	✓	✓	✓	✓
	Sliding Coupling  CODE: MASP			✓	✓	✓	✓		
	Sliding Aluminum Coupling  CODE: MASAL			✓	✓	✓	✓	✓	
	90° Elbow CODE: GO90PA	✓	✓	✓	✓	✓	✓		
100	90° Elbow Pipe to thread CODE:GO90PM		20x½"	25x½" 25x¾"					
	90° Elbow Aluminum CODE:GO90AL	✓	✓	✓	✓	✓	✓	✓	✓
	45° Elbow CODE: GO45PA	✓	✓	✓	✓	✓	✓		
	45° Elbow Pipe/Female Npt Aluminum CODE: GO45FAL	20x½"	25x³¼″						
	45°Aluminum Elbow CODE: GO45ALO	✓	✓	✓	✓				
	Equal Tee CODE: TEPA	✓	✓	✓	✓	✓			
	Equal Tee Aluminum  CODE: TEAL	<b>√</b>	✓	✓	✓	✓	✓	✓	✓
	Reducing Tee  CODE: TRPA	20x16	25x16 25x20	32x20 32x25	40x25 40x32	50x32 50x40	63x40 63x50		
	Tee Pipe To Thread  CODE: TPPA	20x½"	25x½"						
	Tee Pipe To Thread Al  CODE: TPAL  Too Pipe To Thread Al	20x½"	25x¾"	32x1	40x1/4	50x1-½	63x2	80x2-½	110x3"
	Tee Pipe To Thread Al  CODE: TRAL  End Cap		25x20	32x20	40x20 40x25				
	CODE: CAPA	✓	✓	✓	✓	✓	✓		
	End Cap Aluminum CODE: CAAL	✓	✓	✓	✓	✓	✓	✓	

# PURESTREAM PRODUCTS (CONT'D)

						SIZE			
	DESCRIPTION	20	25	32	40	50	63	80	110
	Reducing Coupling		25x20	32x25	40x25	50x40			
in the said	CODE: RIDPA				40x32				
	Pipe To Male Thread	20x½"	25x½" 25x¾"	32x1"	40x1" 40x1-¼"	50x1-½"	63x2"		
	CODE: MNPA	20x¾"	25x1"	32x1- ¼"	40x1-½"	50x 2"			
	Pipe To Male Thread Al	20x½"	25x¾"	32x1-1/4"	40x1-½"	50x2"	63x2"	80x3"	
	CODE: MNMAL	20x¾"	25x1"	<b>52</b> /(1 / 1			63x2-½"	80x2-½"	
3	Pipe To Female Thread Al	20x½"	25x1"	32x1-¼"	40x1-½"	50x2"	63x2½"		
	CODE: MPMAL	20x¾"	25x¾"						
0	Quick Branch Drop Pipe		25x16"	32x16" 32x20"	40x16"	50x16"	63x20"	80x20" 80x25" 80x32"	110x25 110x32
	CODE: DERPA		25x20"		40x20" 40x25"	50x20" 50x25"	63x25" 63x32"		
6	Quick Branch Drop Female		25x½"	32x½"	40x½"	50x½"	63x½"	80x½"	110x³⁄
	CODE: DERFF		238/2	32X/2	40x¾"	50x¾"	63x <sup>3</sup> / <sub>4</sub> " 63x1"	80x¾" 80x1"	110x1
SA	Quick Branch Drop Plastic body Aluminum nut								
	CODE: DERAL								
	Pneumatic Single Action Valve			✓	<b>√</b>	<b>√</b>	<b>✓</b>		
airccu	CODE: VAVIP			,	•	•	•		
11	Pneumatic Control Valve			<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>		
	CODE: KITVA			•	•	•	•		
4	Aluminum Wall Mounting Manifold One (1) Inlet Two (2) Inlet	20x½"	25x½"						
	CODE: APLALL		2011,2						
	Single Port Aluminum Wall Mount Manifold Npt To Npt								
	CODE: APMAL								
	Single Port Alum. Wall Mount Manifold with Side Ports All Npt								
	CODE: APFRL								
-	Dual Port Alum. Wall Mount Manifold With Side Ports All Npt								
	CODE: APLAL								
	Five Port Alum. Wall Mount Manifold with Side Ports All Npt								
	CODE: PMUAL								
	Seven Port Alum. Wall Mount Manifold with Side Ports All Npt								
	CODE: PMUAL								

# PURESTREAM PRODUCTS (CONT'D)

		SIZE									l
	DESCRIPTION	20	25	32	40	50	63	80	110	168	
P 4	Female/Male Ball Valve to Pipe										
	CODE: VAF/VAM With Plastic Nut										
	Pipe Bracket With M8 Nut										
100	CODE: FEM	$\checkmark$	✓	✓	✓	✓	✓	✓	✓		
	Pipe Bracket Spacers										
DE	CODE: SPE	$\checkmark$	✓	✓	✓	✓	✓				
0_	Replacement Bushings With O Ring	✓	✓	✓	✓	✓	✓	✓	✓		
0	CODE: BUR										
	Fitting Nut With Clinch Ring		✓		✓	✓	✓	✓			
	CODE: GHRP/GHRAL	✓		✓					✓		
. =	Chamfering Tools			✓	✓	✓	✓	✓			
- da	CODE: SMO	$\checkmark$	✓						✓		
	Aluminum Fittings Wrench					✓	✓	✓			
C	CODE: CLEA	✓	✓	✓	✓						
4	Fittings Nut Wrench				_		✓				
	CODE: CLE	✓	✓	✓	✓	✓					
	Pipe Insertion Measuring Device										
	CODE: MIS/MISAL	✓	✓	✓	✓	✓	✓	✓	✓		
1.1	Pipe Bracket Threaded Adapters M8-3/8" Thread										
9.0	CODE: FEM ADAPTER	✓	✓	✓	✓	✓	<b>√</b>	✓			

#### PURESTREAM PIPE SELECTION

FLOW (CFM)	65'	130'	330'	655'	985'	1310'	1640'	3280'	4920'	6560'
6	20	20	20	20	20	20	20	20	20	20
18	20	20	20	20	20	20	20	20	20	20
29	20	20	20	20	20	25	32	32	32	32
59	20	25	25	25	25	32	32	40	40	50
118	32	32	40	40	40	40	50	50	63	63
177	32	32	40	40	40	50	50	63	63	63
236	32	40	40	40	50	50	63	63	80	80
294	32	40	50	50	50	63	63	63	80	80
353	40	40	50	50	63	63	63	80	110	110
412	40	40	50	50	63	63	50	63	63	63
471	50	50	50	50	50	50	63	80	110	110
530	50	50	63	63	63	63	63	80	110	110

FLOW (CFM)	65'	130'	330'	655'	985'	1310'	1640'	3280'	4920'	6560'
589	50	63	63	63	63	63	63	80	110	110
736	50	63	63	63	63	63	63	110	110	110
883	50	63	63	80	80	80	80	110	110	110
1031	63	63	63	80	80	80	80	110	110	110
1175	63	63	80	80	80	80	110	110	110	110
1470	63	63	80	80	80	80	110	110	110	110
1760	63	80	80	80	80	110	110	110	110	110
2050	80	80	80	80	110	110	110	110	110	110
2355	80	80	80	110	110	110	110	110	110	110
2650	80	80	110	110	110	110	110	110	110	110
2945	80	110	110	110	110	110	110	110	110	110
3237	110	110	110	110	110	110	110	110	110	110

## **RELATED PRODUCTS**

## More from CAG Technologies











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