



Personal Climate Devices

Bullard climate control devices help increase worker comfort and productivity.

Bullard offers the largest number of personal devices for use with airline respirators. Each system enables a worker to adjust and control the temperature of air delivered to the respirator. On extremely hot summer days, air exiting a typical breathing air compressor can exceed 300°F (150°C). Air exiting an ambient air pump can exceed 200°F (100°C). Even with properly installed after coolers and in-line filters, the air entering a respirator could exceed ambient temperatures.

If workers breathe excessively warm air for prolonged periods of time, they may experience discomfort, fatigue, and possibly dehydration. During winter months, excessively cold air can have similar effects. Eventually, all of these conditions may reduce worker productivity. Bullard's personal climate devices help correct these uncomfortable working conditions for wearers of Bullard airline respirators.

Cool Tubes

The Bullard line of cool tubes are designed to cool incoming air from compressed breathing air sources by as much as 20°- 40°F (11°- 22°C) and feature adjustable airflow control valves that allow the user to adjust the incoming air temperature to a level best suited to individual comfort.

Hot/Cold Tubes

The Bullard Hot/Cold Tubes cool or warm incoming air from compressed breathing air sources. When used in the cool mode, the Hot/Cold Tube decreases the incoming air temperature by as much as 40°F (22°C). When warm air is desired, the incoming air temperature may be increased by up to 30°F (17°C).

DC50 Series Dual-Cool

The Dual-Cool Series provides superior cooling to Bullard respirators, while also sending cool air to the vest for upper torso cooling. The Dual-Cool will cool incoming air from compressed breathing sources by as much as 30°F (17°C). Separate control knobs allow the worker to adjust the temperature of air to each zone.





Personal Climate Devices

Climate Control Devices							
		CT	AC1000	HCT	HC2400	Frigitron 2000	DC50 Dual-Cool
Respirator	GenVX®	X	X	X	X	X	X
	88VX	X	X	X	X	X	X
	20LF		X		X	X	X
	CC20		X		X	X	X
	RT		X		X	X	X
	GR50		X		X	X	X
	Spectrum Series®	X	X	X	X		
	FAMB						
SparxLift			X		X	X	X
Fitting Type	Hansen/Industrial Interchange	X	X	X	X	X	X
	Schrader	X	X	X	X		X
	Snap-Tite	X	X	X	X		X
	CEJN	X	X	X	X		X
	Dynaswivel®	X		X			
Air Source	Breathing Air Compressor	X	X	X	X	X	X
	Free-Air® Pump					X	
	ICE Pump		*With Spectrum Series® - Continuous Flow Only			X	

Go to www.BuildYourBullard.com to configure entire system

Cubic Feet per Minute (cfm) Requirements								
Respirator Type	Flow Control Type	Minimum cfm	Respirator Type	Flow Control Type	Minimum cfm	Respirator Type	Flow Control Type	Min. CFM
FAMB	All	4	GR50	F30 Series	6	SparxLift	F30 Series	6
Spectrum Series®	All	4	GR50	F40 Series	6	SparxLift	F40 Series	6
20LF	F30 Series	6	GR50	AC1000 Series	15	SparxLift	AC1000 Series	15
20LF	F40 Series	6	GR50	HC2400 Series	15	SparxLift	HC2400 Series	15
20LF	AC1000 Series	15	GR50	DC50 Series	20	SparxLift	DC50 Series	20
20LF	HC2400 Series	15	GR50	Frigitron 2000	15	SparxLift	Frigitron 2000	15
20LF	DC50 Series	20	88VX	F30 Series	6			
20LF	Frigitron 2000	15	88VX	F40 Series	6			
CC20	F30 Series	6	88VX	AC1000 Series	15			
CC20	F40 Series	6	88VX	HC2400 Series	15			
CC20	AC1000 Series	15	88VX	CT Series	15			
CC20	HC2400 Series	15	88VX	HCT Series	15			
CC20	DC50 Series	20	88VX	DC50 Series	20			
CC20	Frigitron 2000	15	88VX	Frigitron 2000	15			
RT	F30 Series	6	GenVX®	F30 Series	6			
RT	F40 Series	6	GenVX®	F40 Series	6			
RT	AC1000 Series	15	GenVX®	AC1000 Series	15			
RT	HC2400 Series	15	GenVX®	HC2400 Series	15			
RT	DC50 Series	20	GenVX®	CT Series	15			
RT	Frigitron 2000	15	GenVX®	HCT Series	15			
			GenVX®	DC50 Series	20			
			GenVX®	Frigitron 2000	15			



Personal Climate Devices

Cool Tubes

- AC1000 Series**
- Metal Construction
 - Includes 1/4" male nipple and leather heat shield

- AC100030** Industrial Interchange (Hansen Compatible)
AC100031 Schrader
AC100032 Snap-Tite
AC100033 Snap-Tite Brass
AC100037 CEJN
AC100038 Bayonet



AC100030

- CT Series**
- Engineered Polymer Construction
 - Exhaust Filter protects against paint overspray
 - Directs hot air away from the body
 - Includes 1/4" male nipple, nylon belt, and leather heat shield

- CT30** Industrial Interchange (Hansen Compatible)
CT30B Industrial Interchange - Brass (Hansen Compatible)
CT30S Industrial Interchange - Stainless (Hansen Compatible)
CT30SW Industrial Interchange - Dynaswivel® (Hansen Compatible)
CT30BSW Industrial Interchange - Dynaswivel® Brass (Hansen Compatible)
CT30SSW Industrial Interchange - Dynaswivel® Stainless (Hansen Compatible)
CT31 Schrader
CT32 Snap-Tite
CT33 Snap-Tite Brass
CT37 CEJN
CT38 Bayonet



CT30

- FRIGITRON2000 Series**
- For use with Free-Air® Pumps
 - Includes 1/2" male nipple and nylon belt

- FRIGITRON2000** Industrial Interchange (Hansen Compatible)
FRIGITRON2000B Industrial Interchange, Brass (Hansen Compatible)



FRIGITRON2000

Replacement Parts

- V1000** 1/4" Industrial Interchange nipple (Hansen Compatible) for climate devices
272556 1/2" Industrial Interchange nipple (Hansen Compatible) and adapter for FRIGITRON2000



V1000

- 30SW** Dynaswivel® with 1/4" Industrial Interchange nipple (Hansen Compatible) for CT30SW and HCT30SW
30BSW Dynaswivel® Brass with 1/4" Industrial Interchange nipple (Hansen Compatible) for CT30SW and HCT30SW
30SSW Dynaswivel® Stainless with 1/4" Industrial Interchange nipple (Hansen Compatible) for CT30SW and HCT30SW

- HS** Leather Heat Shield
CTF Cool Tube Filter - Package of 10
CTCAP End Cap Replacement
4612 Nylon Belt
36501 Vinyl Decon Belt



HS



4612



36501

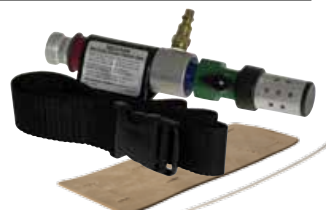


Personal Climate Devices

Hot/Cold Tubes

- HC2400 Series**
- For use with Compressed Air
 - Metal Construction
 - Includes 1/4" male nipple, nylon belt, and leather heat shield

- HC240030** Industrial Interchange (Hansen Compatible)
HC240031 Schrader
HC240032 Snap-Tite
HC240033 Snap-Tite Brass
HC240037 CEJN
HC240038 Bayonet



HC240030



- HCT Series**
- For use with Compressed Air
 - Engineered Polymer Construction
 - Exhaust Filter protects against paint overspray
 - Directs hot air away from the body
 - For use with 88VX and GenVX® Series Bullard Respirators
 - Includes 1/4" male nipple, nylon belt, and leather heat shield

- HCT30** Industrial Interchange (Hansen Compatible)
HCT30B Industrial Interchange Brass (Hansen Compatible)
HCT30S Industrial Interchange - Stainless (Hansen Compatible)
HCT30SW Industrial Interchange - Dynaswivel® (Hansen Compatible)
HCT30BSW Industrial Interchange - Dynaswivel® Brass (Hansen Compatible)
HCT30SSW Industrial Interchange - Dynaswivel® Stainless (Hansen Compatible)
HCT31 Schrader
HCT32 Snap-Tite
HCT33 Snap-Tite Brass
HCT37 CEJN
HCT38 Bayonet



HCT30

Replacement Parts

- V1000** 1/4" Industrial Interchange nipple (Hansen Compatible) for climate devices
- MV2400** Muffler valve assembly
30SW Dynaswivel® with 1/4" Industrial Interchange nipple (Hansen Compatible) for CT30SW and HCT30SW
- 30BSW** Dynaswivel® Brass with 1/4" Industrial Interchange nipple (Hansen Compatible) for CT30SW and HCT30SW
- 30SSW** Dynaswivel® Stainless with 1/4" Industrial Interchange nipple (Hansen Compatible) for CT30SW and HCT30SW



V1000

- HS** Leather Heat Shield



HS

- HCTCVKIT** Valve Assembly for HCT Series

- HCTK** Filter Cap for HCT Series



4612

- 4612** Nylon Belt



- 36501** Vinyl Decon Belt

36501

Personal Climate Devices



Personal Climate Devices

Dual-Cool Tubes for use with Vests (purchased separately) and Respirator

- DC5040 Series**
- Metal Construction
 - Includes 1/4" male nipple, nylon belt, and leather heat shield

- DC5040** Industrial Interchange (Hansen Compatible)
DC5041 Schrader
DC5042 Snap-Tite
DC5043 Snap-Tite Brass
DC5047 CEJN
DC5048 Bayonet



DC5040

Replacement Parts

- V1000** 1/4" Industrial Interchange (Hansen Compatible) nipple for cooling device



V1000

- DCHS** Leather Heat Shield



DCHS

- CH60** Connector Hose



CH60

- S18052** Clamp



S18052

Air-Fed Cool Vest

- DC 70 Series**
- For use with DC5040, AC1000DC, or CT30DC Personal Cooling Devices
 - May be worn without a respirator when used with AC1000DC or CT30DC Personal Cooling Device
 - Nylon Outer Shell
 - Breathable Cotton Inner Shell

- DC70ML** Medium/Large, 49" Chest
DC70XLXXL Extra Large / 2XL, 53.5" Chest
DC705X 5XL, 66" Chest



Cool Tubes for use with Air-Fed Vest without respirator

- AC1000DC**
- Includes 1/4" male nipple
 - Nylon belt (4612)
 - Leather heat shield (HS)
 - Connector Hose (CH1000)



AC1000DC

- CT30DC**
- Includes 1/4" male nipple
 - Nylon belt (4612)
 - Leather heat shield (HS)
 - Connector Hose (CH1000)



CT30DC



Personal Climate Devices

Air Fed Cool Vest Replacement Parts

CH1000 Connector hose with clamp



V1000 1/4" Industrial Interchange (Hansen Compatible) nipple for cooling devices



HS Leather Heat Shield



4612 Nylon Belt



36501 Vinyl Decon Belt



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