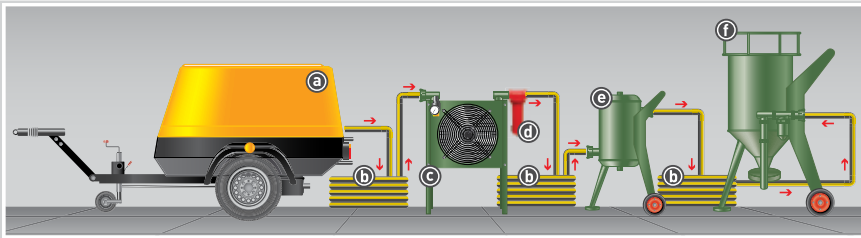




Compressed Air Treatment by portable blasting applications



Contracor® supplies components for compressed air treatment by portable blasting applications:

- Aftercoolers with air or electrical motor (c)
- Portable high volume coalescent filters (d)
- Compressed air hoses (b)
- Fittings for compressed air hose connections

Using Contracor air treatment equipment allows to remove up to 98% of the liquid condensate present in the compressed air network.

Compressed Air Hoses AIRFLEX



Special build for heavy duty applications such as sandblasting.

CHARACTERISTICS.

Working pressure: 12 bar

Burst pressure: 36 bar

Working temperature: -30°C to +80°C.

Cover: yellow rubber (19–25 mm) / textile wrapped (32–38 mm).



19 x 28 mm, 25 x 36 mm



32 x 48 mm, 38 x 54 mm

Order code	Price, £ (1 m)	Price, £ (roll)	ID x OD, mm	Stock length, m
51002	2,75	110,00	19 x 28	40
51003	4,00	160,00	25 x 36	40
51004	7,65	306,00	32 x 48	40
51005	9,75	390,00	38 x 54	40



COMPRESSED AIR

Compressed Air Aftercoolers Type ACP / ACE



Aftercoolers are an economical way to remove up to 70% of water vapor and cool compressed air to usable for blasting applications levels.



The compressed air discharged from an air compressor screw is hot - approx. 90°C. Compressed air at these temperatures contains large quantities of water in vapor form. As the compressed air cools, this water vapor condenses into a liquid form.

Just as example, without aftercooler, a 5,7 m³/min compressor operating at 7 bar introduces 170 liter of water into the compressed air system each day.

Contracor® compressed air aftercoolers ACE and ACP are designed to cool the air to within 2.7°C to 11°C of ambient air temperature. As the compressed air cools, up to 70% of the water vapor present condenses to a liquid and can be removed from the system.

CS type moisture separator installed at the discharge of the aftercooler removes most of the liquid moisture and solids from the compressed air.

	ACP	ACE
Max. working pressure, bar	16	16
Max. air flow, m ³ /min	12,6	12,6
Motor connection	Air max. 6.0 bar	3 x 380 V~
Motor power, kW	0,65 [5 bar]	0,75
Air connection size	2"	2"

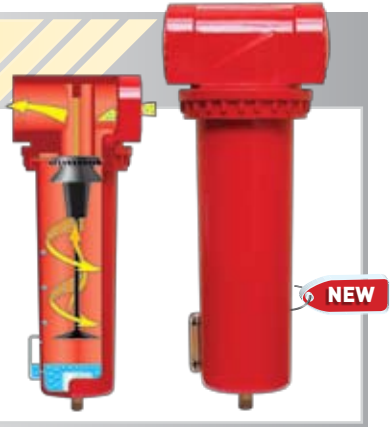
Order code	Price, £	Description
11001	1 390,00	Compressed air aftercoolers type ACP
11002	960,00	Compressed air aftercoolers type ACE



Centrifugal Separator Type CS



Centrifugal separators type CS are a most effective solution to remove up to 99% of the liquid condensate present in the compressed air network. CS separators type allow extremely reliable centrifuge operation and do not require any maintenance.



Areas of use:

Installation downstream of aftercoolers, air receivers, refrigeration dryers etc... Designed to remove up to 99% of liquid condensate in the compressed air by very low maintenance costs.

STANDARD DELIVERY:

Robust aluminium housing. Efficient automatic drain.

VORTEX GENERATOR-VANE

Aerodynamically designed vortex generator vanes for greater efficiency.

VORTEX GENERATOR-CONE

Conical profile for enhanced vortex effect.

CYCLONE ARRESTOR

Special profile designed to improve separator efficiency and prevent re-entrainment of separated water.

AUTOMATIC CONDENSATE DRAIN

Aerodynamically designed vortex generator vanes for greater efficiency.



	CS-2	CS-3	CS-4	CS-5
Air connection size	1"	1.1/4"	1.1/2"	2"
Max. air flow, m ³ /min	5,5	9	12,5	24
Max. working pressure, bar	12	12	12	12

Order code	Model	Price, €	Description
11011	CS-2	105,00	Centrifugal separator 1" BSP
11012	CS-3	150,00	Centrifugal separator 1.1/4" BSP
11013	CS-4	150,00	Centrifugal separator 1.1/2" BSP
11014	CS-5	190,00	Centrifugal separator 2" BSP



COMPRESSED AIR

Portable High Volume Coalescent Filter Type CK-50



Portable high volume coalescent filters CK-50 are a most effective solution to remove up to 95% of the liquid condensate and dirt particles, down to 10 microns, from compressed air supply. Specially designed for portable use by sandblasting applications.



Areas of use:

Designed for use with portable compressors in conjunction with a conventional particulate air filter CAF-3 installed at the blast machine inlet.

STANDARD DELIVERY:

- 50 litre volume steel tank
- Stainless steel coalescent element
- Safety valve
- Manual drain valve

ADVANTAGES:

- Simple design, special for field use.
- Lower purchase and operating costs than by refrigerated or chemical drying systems.
- Cleaning with water only required for maintenance.



Portable 50-litre capacity high volume coalescent filter CK-50 removes water from compressed air supply for multiple blast machines.

As moist air enters the CK-50, it moves up inside the chamber passing through a fine mesh stainless steel filter element that causes the water vapour and oil to coalesce into larger drops that fall to the bottom of the filter. Most particulate material, down to 10 microns, gets trapped in the filter mesh.

	CK-50
Air connection size	1.1/2"
Max. air flow, m ³ /min	22
Max. working pressure, bar 12	12

Order code	Model	Price, £	Description
50100	CK-50	650,00	Portable high volume coalescent filter

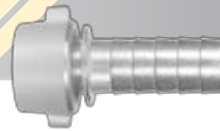


Fittings and Couplings for compressed air hoses

Contracor® offers wide choice of compressed air hose fittings and couplings..

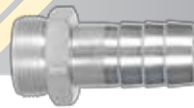


Connecting Set- Stem



Order code	Price,£	Description
50021	22,20	Connecting set- stem 1.1/4" x wing nut RD 46 x 1/6"
50022	21,20	Connecting set- stem 1.1/2" x wing nut RD 55 x 1/6"
50023	33,00	Connecting set- stem 2" x wing nut RD 75 x 1/6"

Male Thread stem

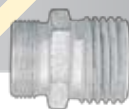


Order code	Price,£	Description
50024	11,00	Male thread stem 1.1/4" for hose ID=32mm
50025	16,00	Male thread stem 1.1/2" for hose ID=38mm
50026	33,00	Male thread stem 2" for hose ID=53mm



COMPRESSED AIR

Connecting Nipple



Order code	Price,£	Description
50027	11,00	Connecting nipple 1.1/4" x RD 46 x 1/6"
50028	14,50	Connecting nipple 1.1/2" x RD 55 x 1/6"
50029	23,00	Connecting nipple 2" x RD 75 x 1/6"

Hose Clamp



Order code	Price,£	Description
50010	1,70	Hose clamp 1/2" x (20-29 mm)
50011	1,70	Hose clamp 3/4" x (28-34 mm)
50012	2,30	Hose clamp 1" x (32-40 mm)
50014	3,00	Hose clamp 1.1/4" x (39-49 mm)
50015	3,50	Hose clamp 1.1/2" x (48-60 mm)
50016	4,60	Hose clamp 2" x (60-76 mm)

Hose Menders



Order code	Price,£	Description
50030	1,60	Hose menders 1/2"
50031	2,00	Hose menders 3/4"
50032	2,70	Hose menders 1"
50033	4,70	Hose menders 1.1/4"
50034	6,50	Hose menders 1.1/2"
50035	11,50	Hose menders 2"



Couplings for Compressed Air Hose Connection SKG



Order code	Price,£	Description
50017	3,20	Compressed air coupling, for 10 mm hose I.D, SKG-10
50018	2,90	Compressed air coupling, for 13 mm hose I.D, SKG-13
50019	2,70	Compressed air coupling, for 19 mm hose I.D, SKG-19
50020	3,30	Compressed air coupling, for 25 mm hose I.D, SKG-25

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