CAIRO TECHNICAL CENTER
SUPPLYING . SERVICES . CONTRACTOR



pressure vessels

Technical Catalogue

CTC is totally dedicated to keep your production wheel run smoothly through a professional products and services.

www.ctc-eg.com

WHO WE ARE

CTC (Cairo Technical Center Company) is the extension of ElFania for Trading and Contracting Company which was founded in the early 1982 with the highest professionalism, technological capabilities, and esteemed capacity for innovation to manufacture products that lasts a lifetime.
Since its foundation 2017, **CTC** has successfully designed, manufactured and installed all clients' requirements from custom built machinery's, integrated production lines, stainless steel specialty tanks, pressurized vessels and containers in addition to boilers installation, repairs, steam lines Modification and expansion. Plus, a respectful list of turn key projects handed over locally and/or internationally.

PRODUCT RANGE

There are variety of products that a **CTC** offers to its customers from compressed air tanks, both vertical and horizontal, with different capacities ranging from 24 liters to 10,000 liters. Our range of products includes:

- Horizontal Compressed Air Tanks
- Vertical Compressed Air Tanks
- Vertical Compressed Air Tanks with 16 Bar Operating Pressure
- Vertical Compressed Air Tanks with 42 Bar Operating Pressure
- Large Capacity Vertical Compressed Air Tanks
- Galvanized Vertical Compressed Air Tanks

CUSTOM MADE PRODUCTS

At **CTC**, we recognize that each client has individual requirements. As a result, we provide tailored pressure vessels to accommodate these specific demands. Whether you require tanks with certain capacities, pressure ratings, or materials, our team is prepared to deliver the appropriate solutions. Don't hesitate to reach out to us to talk about your unique needs.







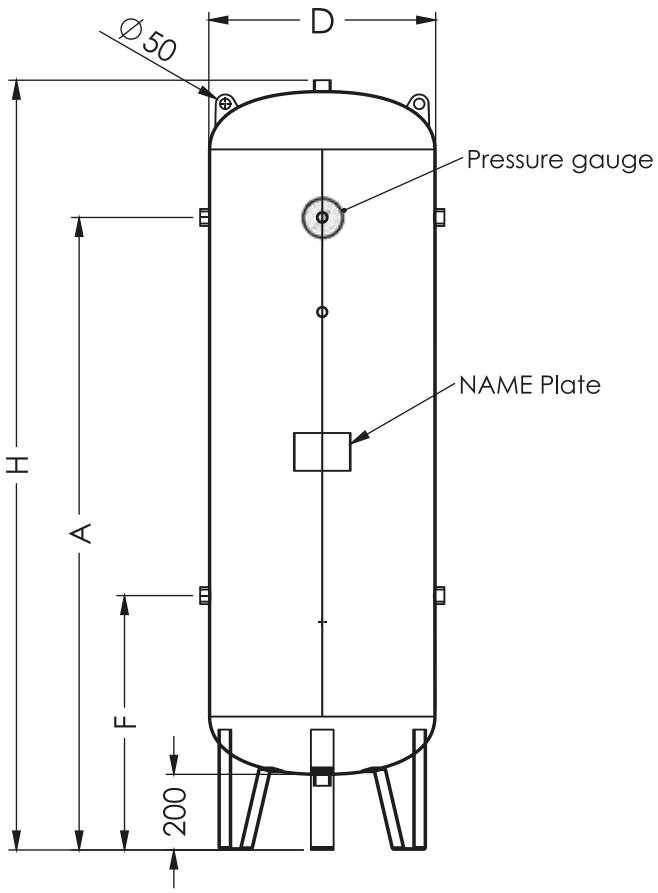


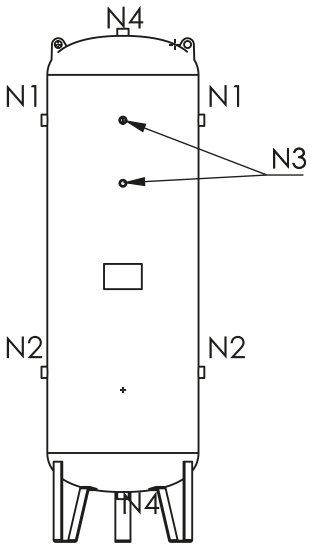


*note
- All dimentions are in MM.
- Air Receiver Matrial: ST52 Steel.
- surface treatment: : elctrostatic caoting.
- Maximum working and design temp. 80°.
- Minimum working and design temp. -10°.

COATING OPTIONS

- RAL 5017
- RAL ST3000
- RAL ST1021
- RAL 9005
- RAL 7012



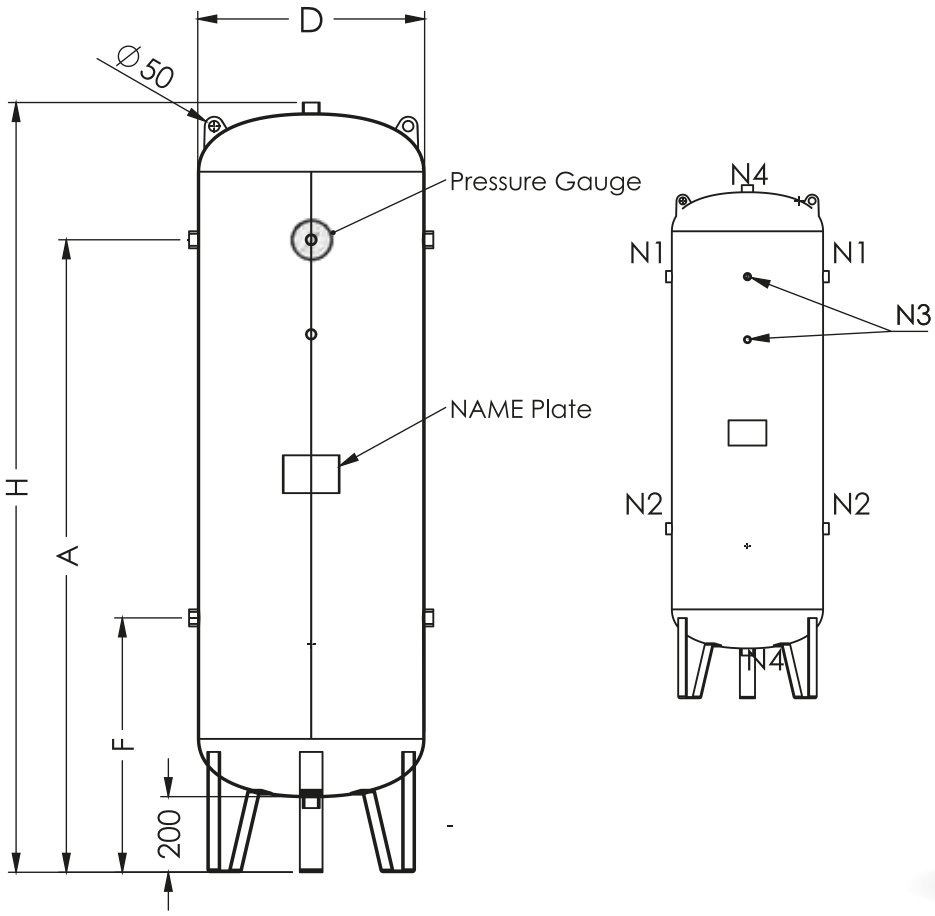




Air Receiver

Product ID	Volume (L)	Working P. (Bar)	Testing P. (Bar)	D	H	F	A	N1	N2	N3	N4	Weight (kg)
CTARG-120	120	11	16.5	400	1160	360	1025	½"	½"	½"	½"	41
CT-ARG-250	250	11	16.5	500	1590	395	1365	1"	1"	½"	½"	60
CT-ARG-500	500	11	16.5	600	2040	675	1675	1"	1"	½"	½"	120
CT-ARG-120	120	16	24	400	1160	360	1025	½"	½"	½"	½"	43
CT-ARG-250	250	16	24	500	1590	395	1365	1"	1"	½"	½"	80
CT-ARG-500	500	16	24	600	2040	675	1675	1"	1"	½"	½"	160

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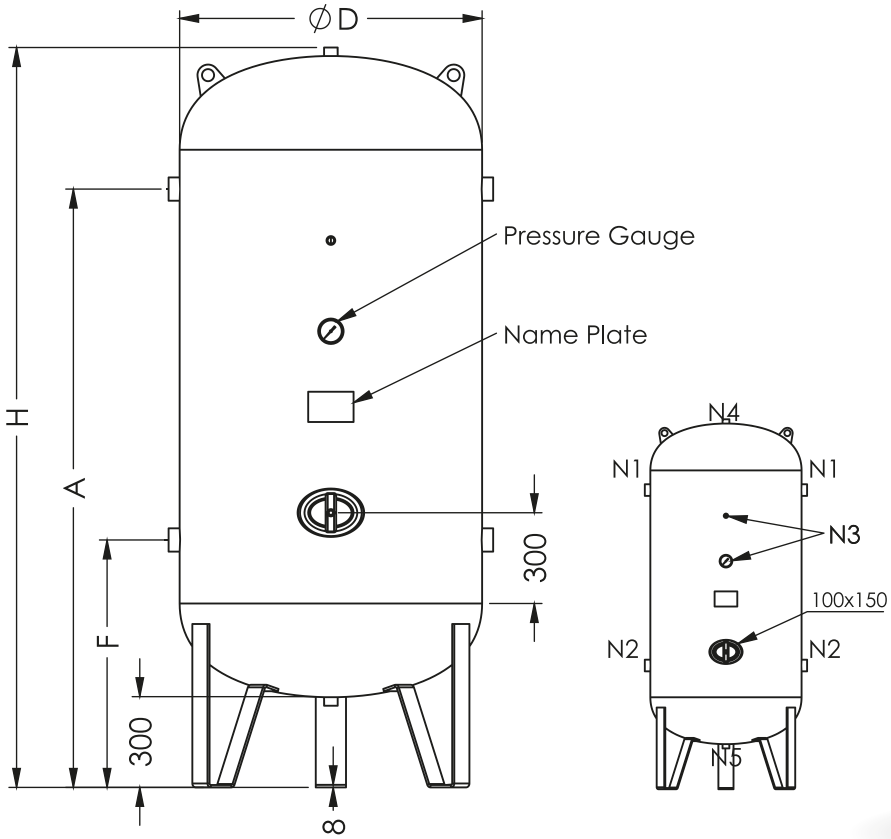
Air Receiver

Product ID	Volume (L)	Working P. (Bar)	Testing P. (Bar)	D	H	F	A	N1	N2	N3	N4	Weight (kg)
CTARG-120	120	11	16.5	400	1160	360	1025	½"	½"	½"	½"	41
CT-ARG-250	250	11	16.5	500	1590	395	1365	1"	1"	½"	½"	60
CT-ARG-500	500	11	16.5	600	2040	675	1675	1"	1"	½"	½"	120
CT-ARG-120	120	16	24	400	1160	360	1025	½"	½"	½"	½"	43
CT-ARG-250	250	16	24	500	1590	395	1365	1"	1"	½"	½"	80
CT-ARG-500	500	16	24	600	2040	675	1675	1"	1"	½"	½"	160

COATING OPTIONS

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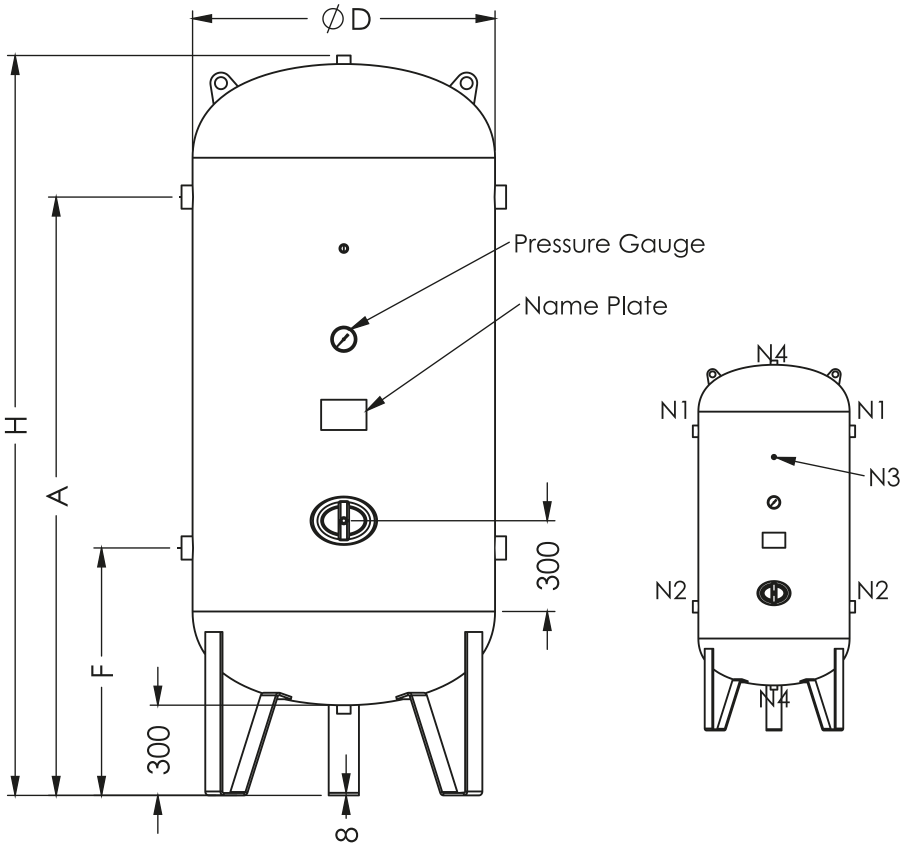




Air Receiver

Product ID	Volume (L)	Working P. (Bar)	Testing P. (Bar)	D	H	F	A	N1	N2	N3	N4	Weight (kg)
CT-AR-1000	1000	11	16.5	800	2290	740	1900	2"	2"	½"	1"	225
CT-AR-1500	1500	11	16.5	1000	2445	820	1980	2"	2"	½"	1"	364
CT-AR-2000	2000	11	16.5	1150	2460	840	2000	2"	2"	½"	1"	433
CT-AR-3000	3000	11	16.5	1150	3465	910	2710	3"	3"	½"	1"	600

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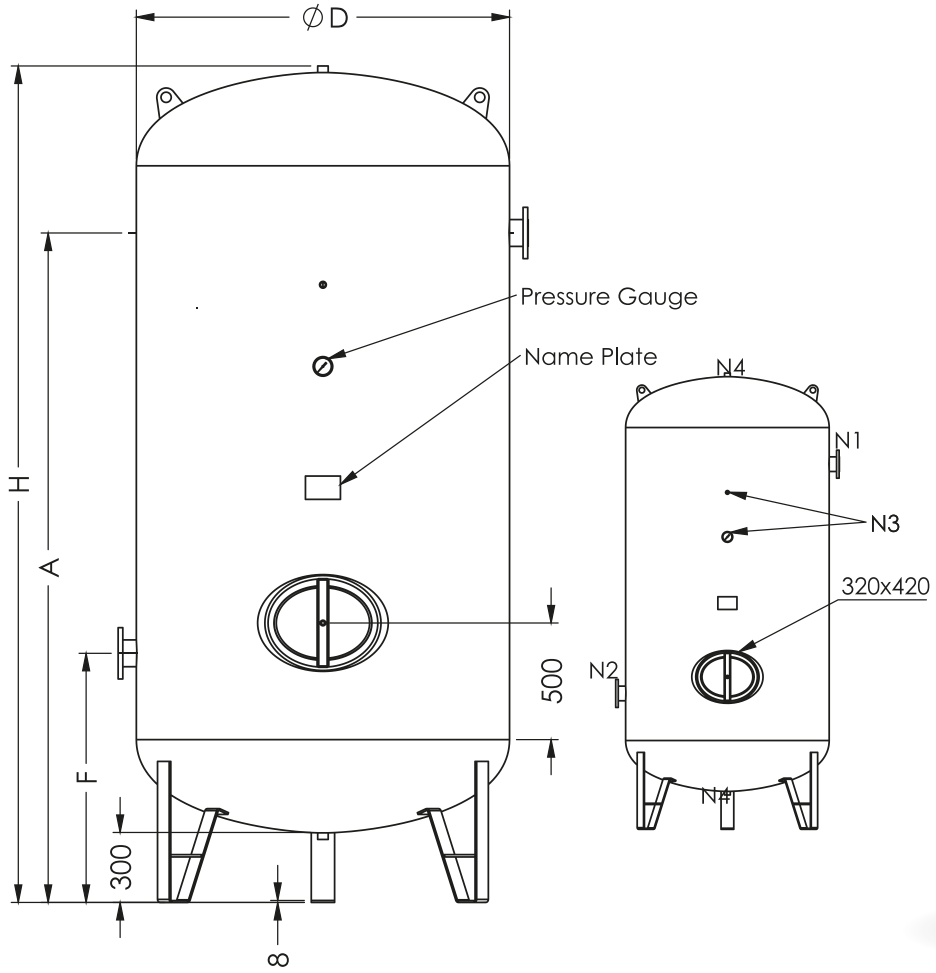
Air Receiver

Product ID	Volume (L)	Working P. (Bar)	Testing P. (Bar)	D	H	B	F	A	N1	N2	N3	N4	Weight (kg)
CT-AR-1000	1000	11	16.5	800	2400	1500	210	1370	2"	2"	½"	1"	255
CT-AR-1500	1500	11	16.5	1000	2380	1500	210	1120	2"	2"	½"	1"	355
CT-AR-2000	2000	11	16.5	1150	2460	1500	280	1140	2"	2"	½"	1"	425
CT-AR-3000	3000	11	16.5	1150	3440	2500	280	2080	3"	3"	½"	1"	585

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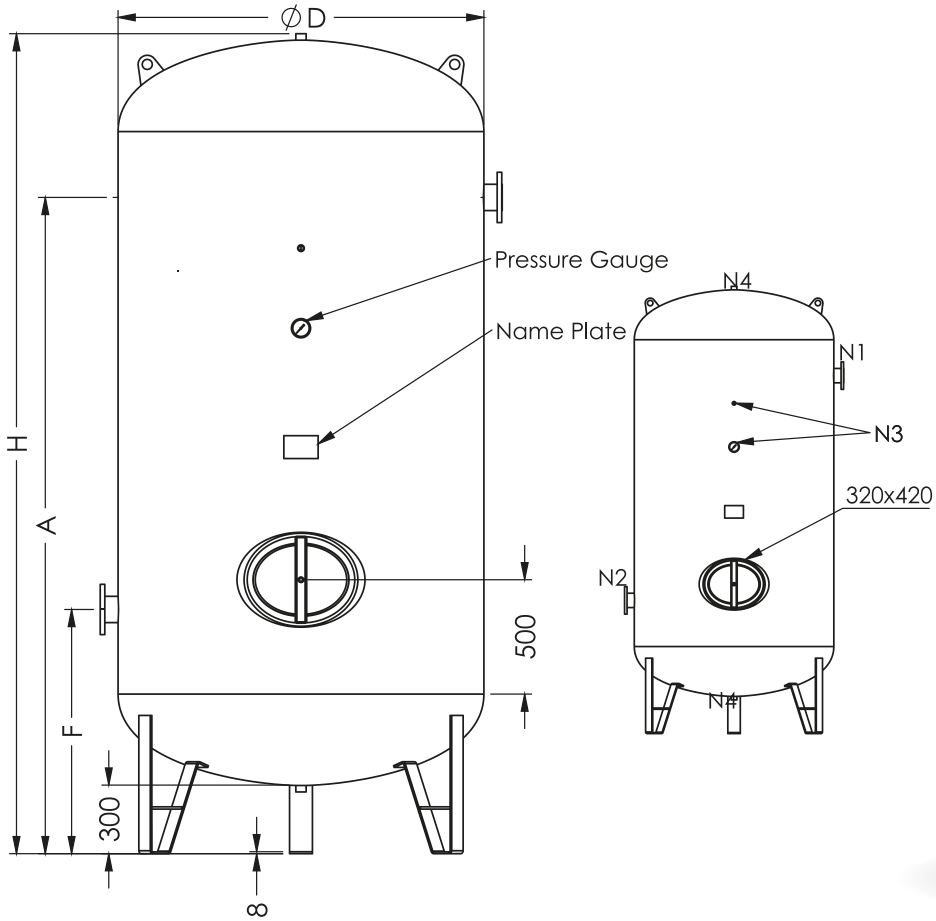




Air Receiver

Product ID	Volume (L)	Working P. (Bar)	Testing P. (Bar)	D	H	F	A	N1	N2	N3	N4	Weight (kg)
CT-AR-4000	4000	11	16.5	1400	3220	1400	2450	DN80	DN80	½"	1"	795
CT-AR-5000	5000	11	16.5	1400	3820	1500	3000	DN80	DN80	½"	1"	1120
CT-AR-6000	6000	11	16.5	1600	3500	1500	2600	DN100	DN100	½"	1"	1390
CT-AR-8000	8000	11	16.5	1600	4500	1800	3250	DN100	DN100	½"	1"	1705
CT-AR-10000	10000	11	16.5	1600	5500	1800	4000	DN100	DN100	½"	1"	2020

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Air Receiver

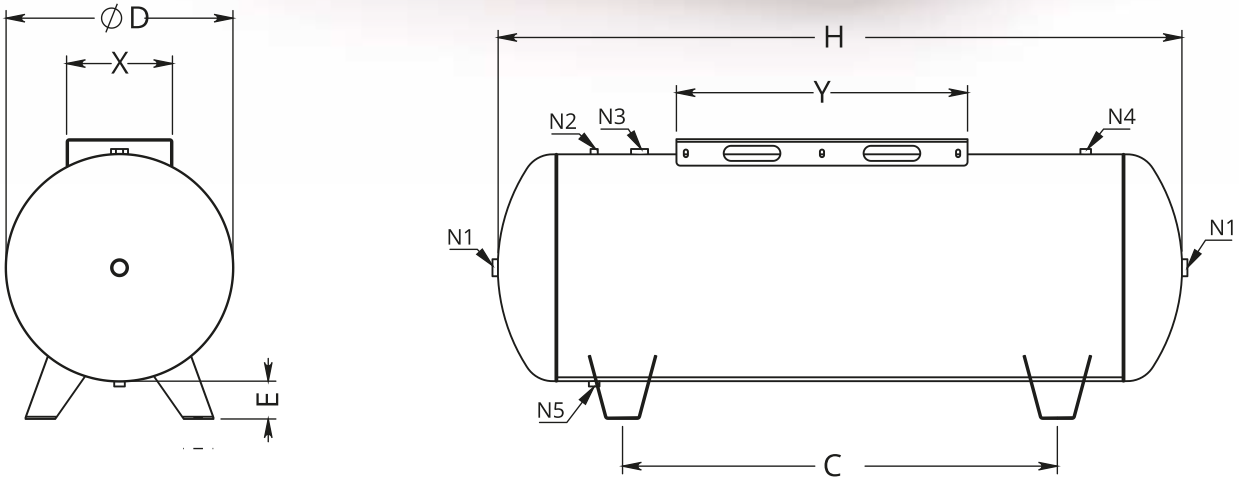
Product ID	Volume (L)	Working P. (Bar)	Testing P. (Bar)	D	H	F	A	N1	N2	N3	N4	Weight (kg)
CT-AR-4000	4000	11	16.5	1400	3220	1400	2450	DN80	DN80	½"	1"	795
CT-AR-5000	5000	11	16.5	1400	3820	1500	3000	DN80	DN80	½"	1"	1120
CT-AR-6000	6000	11	16.5	1600	3500	1500	2600	DN100	DN100	½"	1"	1390
CT-AR-8000	8000	11	16.5	1600	4500	1800	3250	DN100	DN100	½"	1"	1705
CT-AR-10000	10000	11	16.5	1600	5500	1800	4000	DN100	DN100	½"	1"	2020

COATING OPTIONS

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- RAL ST1021
- RAL 9005
- RAL 7012

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- Minimum working and design temp. -10°.





HORIZONTAL Air Receiver

Product ID	Volume (L)	Working P. (Bar)	Test pressure (bar)	D	H	E	C	X	Y	N1	N2	N3	N4	N5	Weight (kg)
CTAR-H-120	120	11	16.5	400	950	50	560	210	540	1"	¼"	½"	½"	¼"	36
CT-AR-H-250	250	11	16.5	500	1370	80	800	210	540	1"	¼"	½"	½"	¼"	63
CT-AR-H-500	500	11	16.5	600	1810	100	1150	280	770	1"	¼"	1"	½"	½"	123
CT-AR-H-1000	1000	11	16.5	800	1960	100	1100	280	770	1"	½"	2"	½"	½"	225

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