

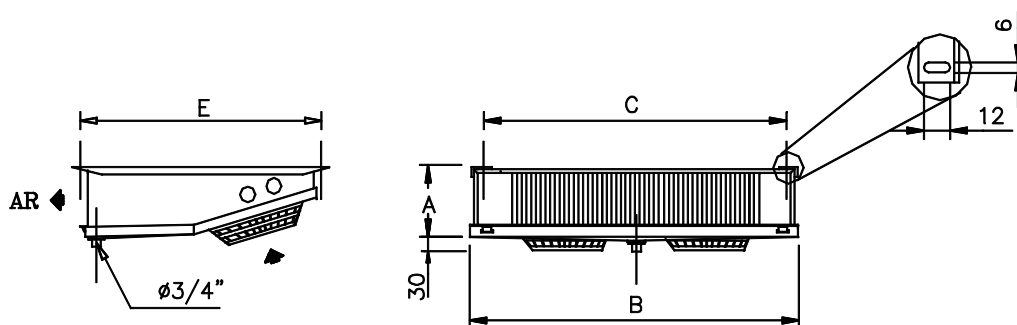


Centauro

New Range TA & TALE Unit Coolers

New range TA & TALE coolers have been designed to replace the original TA & TALE series.

All models are fitted with single phase motors. Casings are of AlMg alloy, which is resistive to corrosion and has a smooth finish similar in appearance to stainless steel. All new models feature inner finned copper tubing for the highest heat transfer combined with aluminium fins.



The wedge shape design ensures that these coolers take up the minimum headroom and the drip trays can be lowered to gain access to change heaters, fan motor etc. The models listed here are all part of the stock range but smaller models are also available for reach in boxes and cabinets.

TA Coolers with 4.2mm fin spacing are ideal for small chill room applications with the **TAE** version offering full electric defrosting.

4.2 mm fin spacing

TA / E MODELS	Capacity KW TC = +2°C DTm = 8°C	Surface Area M²	Fans No. x dia. mm	Air volume m³/h	Air Throw m	Dimensions mm				U.K. Net trade price	
						A	B	C	E	TA	TAE
TA 234	1.09	4.30	1 x 230	430	3.5	190	518	486	503	142.00	187.00
TA 238	1.68	5.10	2 x 230	960	3.5	190	868	836	503	210.00	241.00
TA 2310	1.79	6.80	2 x 230	920	3.5	190	868	836	503	245.00	276.00
TA 2312	2.24	8.50	2 x 230	860	3.5	190	868	836	503	268.00	319.00
TA 2314	2.86	10.20	3 x 230	1380	3.5	190	1218	1186	503	337.00	370.00
TA 2316	3.39	12.80	3 x 230	1290	3.5	190	1218	1186	503	368.00	425.00

TALE Coolers with 6.3mm fin spacing come with full electric defrosting and are designed for freezer rooms. TAL models without defrost are available to order for special applications.

6.3 mm fin spacing

TALE MODELS	Capacity KW TC = +2°C DTm = 8°C	Surface Area M²	Fans No. x dia. mm	Air volume m³/h	Air Throw m	Dimensions mm				U.K. Net trade price	
						A	B	C	E	TAL	TALE
TALE 235	0.84	3.00	1 x 230	440	4.0	190	518	486	503	TAL prices on request	187.00
TALE 239	1.10	3.50	2 x 230	1000	4.0	190	868	836	503		237.00
TALE 2311	1.35	4.70	2 x 230	960	4.0	190	868	836	503		274.00
TALE 2313	1.77	5.90	2 x 230	880	4.0	190	868	836	503		319.00
TALE 2315	2.25	7.10	3 x 230	1440	4.0	190	1218	1186	503		370.00
TALE 2317	2.61	8.80	3 x 230	1320	4.0	190	1218	1186	503		423.00

TAE with 4.2mm fin spacing

Model	Nom. KW	Fans			Defrost Heaters			Connections			Weight kilos
		No. x dia	Amps	phase	KW	Amps	phase	Inlet	Outlet	Drain	
TAE 234	1.09	1 x 230	0.23	1	0.64	2.78	1	1/2"	5/8"	3/4"	8.2
TAE 238	1.68	2 x 230	0.46	1	0.84	3.65	1	1/2"	5/8"	3/4"	12.5
TAE 2310	1.79	2 x 230	0.46	1	0.84	3.65	1	1/2"	5/8"	3/4"	13.8
TAE 2312	2.24	2 x 230	0.46	1	1.00	4.35	1	1/2"	5/8"	3/4"	14.8
TAE 2314	2.86	3 x 230	0.69	1	1.20	5.22	1	1/2"	5/8"	3/4"	19.5
TAE 2316	3.39	3 x 230	0.69	1	1.60	6.96	1	1/2"	5/8"	3/4"	21.0

Capacity correction factors

Room Temperature	Temperature Difference TDM			
	8K	7K	6K	5K
+5C	1.039	0.909	0.781	0.679
+2C	1.000	0.857	0.741	0.638
0C	0.912	0.797	0.682	0.585
-2C	0.909	0.794	0.680	0.582

To determine the capacity for a particular condition multiply the nominal capacity by the factor shown in the table above. For example a TAE 2316 cooler at +2C room temperature and with 6K mean temperature difference will have a capacity of $3.39 \times 0.741 = 2.51$ KW.

TALE with 6.3mm fin spacing

Model	Nom. KW	Fans			Defrost Heaters			Connections			Weight kilos
		No. x dia	Amps	phase	KW	Amps	phase	Inlet	Outlet	Drain	
TALE 235	0.84	1 x 230	0.23	1	0.64	2.78	1	1/2"	5/8"	3/4"	8.2
TALE 239	1.10	2 x 230	0.46	1	0.84	3.65	1	1/2"	5/8"	3/4"	12.5
TALE 2311	1.35	2 x 230	0.46	1	0.84	3.65	1	1/2"	5/8"	3/4"	13.8
TALE 2313	1.77	2 x 230	0.46	1	1.00	4.35	1	1/2"	5/8"	3/4"	14.8
TALE 2315	2.25	3 x 230	0.69	1	1.20	5.22	1	1/2"	5/8"	3/4"	19.5
TALE 2317	2.61	3 x 230	0.69	1	1.60	6.96	1	1/2"	5/8"	3/4"	21.0

Capacity correction factors

Room Temperature	Temperature Difference TDM			
	8K	7K	6K	5K
+2C	1.000	0.893	0.772	0.665
0C	0.950	0.830	0.710	0.609
-15C	0.830	0.730	0.640	0.539
-20C	0.770	0.660	0.583	0.490
-25C	0.764	0.649	0.567	0.476

To determine the capacity for a particular condition multiply the nominal capacity by the factor shown in the table above. For example a TALE 2313 cooler at -20C room temperature and with 5K mean temperature difference will have a capacity of $1.77 \times 0.490 = 0.87$ KW.

Centauro products are manufactured in Portugal and distributed in the United Kingdom and Ireland by the RSL Group.

RSL Group

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