

# ASTR<sup>®</sup>

## Refrigeration Technology

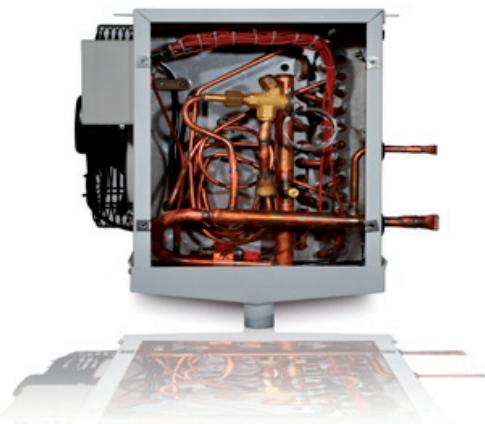
ASTR Refrigeration Technology introduces its range of Cool Room Evaporators factory fitted with a Danfoss Expansion device and Orifice. "The Cooler Series"



## The Cooler Series

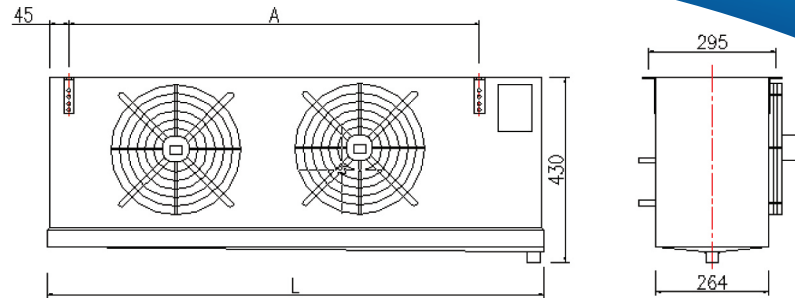
### Features & Benefits:

- Factory fitted with Danfoss Solder External Tx Valve c/w orifice
- Manufactured with Aluminium, powder coated internally and externally
- Double drip tray
- Nitrogen holding charge
- 300mm Axial Fan
- Hi performance 6mm fin spacing for Low Temperature models
- Pre-Wired to the Junction Box
- Passivated fins



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**ASTR®****Refrigeration Technology****The Cooler Series****AE Type Evaporator Medium Temperature 3.5mm Fin Space**

Model Number	AE1300	AE1700	AE2000	AE2400	AE2800	AE3200	AE4000	AE4600	AE5400	AE5800	AE6200	AE6800	AE7800
Capacity@6KTD	1300	1700	2000	2400	2800	3200	4000	4600	5400	5800	6200	6800	7800
Number of Fans	1	1	1	1	2	2	2	3	3	3	3	4	4
Fan Size(mm)	300	300	300	300	300	300	300	300	300	300	300	300	300
Fan Spec. Air Vol.(m3/h)	1700	1700	1700	1700	3400	3400	3400	5100	5100	5100	5100	6800	6800
Input(W)	90	90	90	90	180	180	180	270	270	270	270	360	360
Fan Voltage	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz	220 -240V/50Hz
Pipe Size Inlet	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2
Outlet	5/8	5/8	5/8	5/8	5/8	5/8	5/8	7/8	7/8	7/8	7/8	7/8	7/8
Total Dimensions(L*W*H)	610 *360*430	610 *360*430	610 *360*430	770 *360*430	1160 *360*430	1160 *360*430	1160 *360*430	1630 *360*430	1630 *360*430	1630 *360*430	1630 *360*430	2100 *360*430	2100 *360*430
Mounting (A * B)	410*295	410*295	410*295	570*295	960*295	960*295	960*295	1430*295	1430*295	1430*295	1430*295	1900*295	1900*295
Total Weight(Kg)	12	14	14	15	21	22	24	30	33	34	35	40	43
Expansion Valve Type	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2
Orifice Size	1	2	2	3	3	3	3	4	4	4	5	5	6

**AU Type Evaporator Low Temperature C/W Electric Defrost 6mm Fin Space**

Model Number	AL900/6	AL1150/6	AL1600/6	AL2000/6	AL2700/6	AL3200/6	AL3800/6	AL4300/6	AL5100/6
Capacity@6KTD-25c	900	1150	1600	2000	2700	3200	3800	4300	5100
Number of Fans	1	1	1	2	2	3	3	4	4
Fan Size(mm)	300	300	300	300	300	300	300	300	300
Fan Spec. Air Vol.(m3/h)	1700	1700	1700	3400	3400	5100	5100	6800	6800
Input(W)	90	90	90	180	180	270	270	360	360
Fan Voltage	220- 240V/50Hz	220- 240V/50Hz	220- 240V/50Hz	220- 240V/50Hz	220- 240V/50Hz	220- 240V/50Hz	220- 240V/50Hz	220- 240V/50Hz	220- 240V/50Hz
Heater (Coil&Drain)	420W +320W*2	420W +320W*2	550W +440W*2	850W +760W*2	850W +760W*2	1250W +1120W*2	1250W +1120W*2	1500W +1500W*2	1500W +1500W*2
Pipe Size Inlet	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2
Outlet	5/8	5/8	5/8	5/8	5/8	7/8	7/8	7/8	7/8
Total Dimensions(L*W*H)	610*360*430	610*360*430	770*360*430	1160*360*430	1160*360*430	1630*360*430	1630*360*430	2100*360*430	2100*360*430
(A * B)	410*295	410*295	570*295	960*295	960*295	1430*295	1430*295	1900*295	1900*295
Total Weight(Kg)	13	14	17	23	26	32	36	44	46
Expansion Valve Type	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2	TES2
Orifice Size	1	1	2	3	3	3	4	4	4