

# ASTR<sup>®</sup>

## Refrigeration Technology

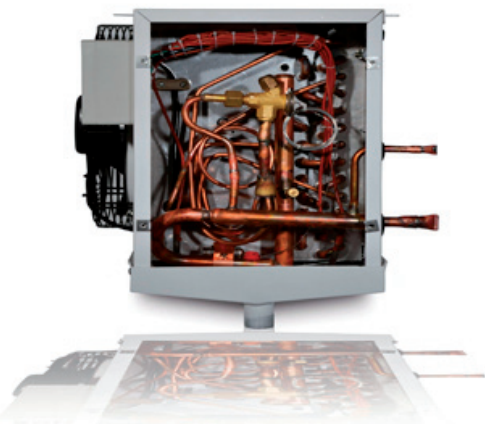
ASTR Refrigeration Technology introduces its range of Cool Room Evaporators factory fitted with a Danfoss Expansion device and Orifice. "The Cooler Series"



## The Cooler Series

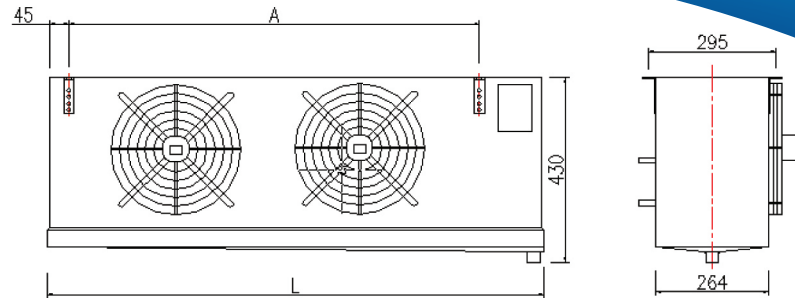
### Features & Benefits:

- 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



# ASTR<sup>®</sup>

Refrigeration Technology

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

| Model Number             | AE1300            | AE1700            | AE2000            | AE2400            | AE2800            | WE3200            | 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<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-240V/50Hz | 220<br>-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<br>*360*430   | 610<br>*360*430   | 610<br>*360*430   | 770<br>*360*430   | 1160<br>*360*430  | 1160<br>*360*430  | 1160<br>*360*430  | 1630<br>*360*430  | 1630<br>*360*430  | 1630<br>*360*430  | 1630<br>*360*430  | 2100<br>*360*430  | 2100<br>*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-<br>240V/50Hz | 220-<br>240V/50Hz | 220-<br>240V/50Hz | 220-<br>240V/50Hz | 220-<br>240V/50Hz | 220-<br>240V/50Hz | 220-<br>240V/50Hz | 220-<br>240V/50Hz | 220-<br>240V/50Hz |
| Heater (Coil&Drain)      | 420W<br>+320W*2   | 420W<br>+320W*2   | 550W<br>+440W*2   | 850W<br>+760W*2   | 850W<br>+760W*2   | 1250W<br>+1120W*2 | 1250W<br>+1120W*2 | 1500W<br>+1500W*2 | 1500W<br>+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                 |