

ASTR[®]

Refrigeration Technology

ASTR Refrigeration Technology introduces its Larger Cool Room Evaporators factory fitted with a Danfoss Expansion Valve and Orifice.
"The Industrial Cooler Series"



The Industrial Cooler Series

FEATURES & BENEFITS:

- Factory fitted with Danfoss Solder External Tx Valve & Orifice
- Manufactured with Aluminium, powder coated internally and externally
- Double drip tray
- Nitrogen holding charge
- 350mm & 400mm Axial Fans
- Hi performance 6mm fin spacing for Low Temperature models
- Pre-Wired to the Junction Box
- Passivated fins



The Industrial Cooler Series

AE TYPE EVAPORATOR MEDIUM TEMPERATURE 4.2MM FIN SPACE 350MM FAN						
MODEL NUMBER		AEI5200/350	AEI6100/350	AEI7000/350	AEI8000/350	AEI9100/350
Capacity @ 6KTD		5200	6100	7000	8000	9100
	Number of Fans	2	2	2	3	3
	Fan Size (mm)	350	350	350	350	350
Fan Data	Air Vol (m3/h)	5400	5150	5100	8050	7900
	Input (W)	276	276	276	414	414
	Fan Voltage	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Pipe Size	Inlet	1/2	1/2	1/2	1/2	1/2
	Outlet	7/8	7/8	7/8	7/8	7/8
Dimensions (L x W x H)		1360*437*510	1360*437*510	1360*437*510	1910*437*510	1910*437*510
Mounting (A x B)		1090*367	1090*367	1090*367	1640*367	1640*367
Weight (Kg)		36	41	44	51	57
TX Valve Type		TES2/3415	TES2/3415	TES2/3415	TES2/3415	TES2/3415
Orifice		4	5	5	6	6

AE TYPE EVAPORATOR MEDIUM TEMPERATURE 4.2MM FIN SPACE 400MM FAN							
MODEL NUMBER		AEI10000/400	AEI11500	AEI13000/400	AEI14500/400	AEI16000/400	AEI19000/400
Capacity @ 6KTD		10000	11500	13000	14500	16000	19000
	Number of Fans	3	3	3	4	4	4
	Fan Size (mm)	400	400	400	400	400	400
Fan Data	Air Vol (m3/h)	12300	12300	12300	15800	16100	16100
	Input (W)	540	540	720	720	720	720
	Fan Voltage	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Pipe Size	Inlet	5/8	5/8	5/8	5/8	5/8	5/8
	Outlet	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
Dimensions (L x W x H)		1990*437*560	1990*437*560	2410*437*560	2730*437*560	2730*437*560	2730*437*560
Mounting (A x B)		1720*357	1720*357	2140*357	2460*357	2460*357	2460*357
Weight (Kg)		56	57	64	76	77	83
TX Valve Type		TE5/TE55	TE5/TE55	TE5/TE55	TE5/TE55	TE5/TE55	TE5/TE55
Orifice		1	1	1	2	2	2

AL TYPE EVAPORATOR LOW TEMPERATURE 6.0MM FIN SPACE 350MM FAN									
MODEL NUMBER		ALI4100/6	ALI5200/6	ALI6300/6	ALI7100/6	ALI8000/6	ALI10000/6	ALI12000/6	ALI14000/6
Capacity @ 6KTD		4100	5200	6300	7100	8000	10000	12000	14000
	Number of Fans	2	3	3	4	4	4	4	4
	Fan Size (mm)	350	350	350	350	350	350	400	400
Fan Data	Air Vol (m3/h)	5400	7040	8050	7900	10800	11920	16400	16400
	Input (W)	276	414	414	552	552	552	720	120
	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
Heater Date	Coil Heater Amps	3.4A x 3	5.0A x 3	5.0A x 3	7.5A x 3	7.5A x 3	7.5A x 3	9.1A x 3	9.1A x 3
	Drain Heater Amps	3.4A	5.0A	5.0A	7.5A	7.5A	7.5A	9.1A	9.1A
Pipe Size	Inlet	1/2	1/2	1/2	5/8	5/8	5/8	5/8	3/4
	Outlet	7/8	7/8	7/8	11/8	11/8	1 1/2	11/8	11/8
Dimensions (LxWxH)		1360x437x520	1760x437x520	1910x437x520	2610x437x520	2610x437x520	2610x437x520	2790x490x530	2790x490x530
Mounting (A x B)		1090x367	1490x367	1640x367	2340x367	2340x367	2340x367	2520x396	2520x396
Weight (Kg)		40	57	57	61	67	70	75	80
TX Valve Type		TES2/3430	TES2/3430	TES2/3430	TES2/3430	TES2/3430	TE5/TE55(B)	TE5/TE55(B)	TE5/TE55(B)
Orifice		4	5	5	5	6	2	2	2

ASTR[®]