

# EVAPORATORS

## HEJ SERIES - LOW PROFILE



### HEJ SERIES - LOW PROFILE EVAPORATORS

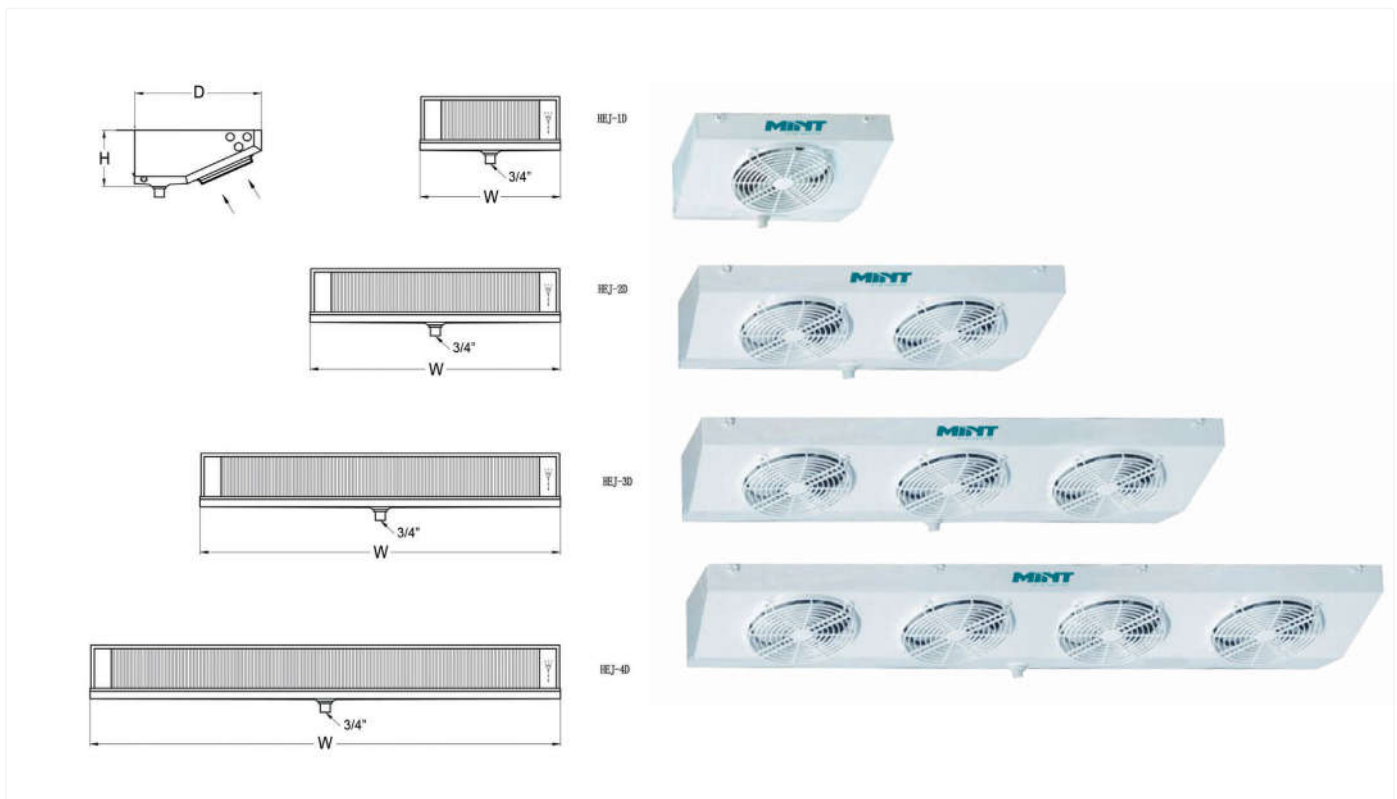
“ The Mint HEJ low profile evaporators are made from high quality aluminium and powder coated white for aesthetic appeal. All evaporators come standard with stainless steel electric defrost heaters to allow use for medium and low temperature applications.

### NOMENCLATURE

HEJ	-	1	D
SERIES		NUMBER OF FANS	DEFROST HEATERS

STOCK CODE	MODEL	CAPACITY		FAN		VOLT	AIR FLOW	AIR THROW	PIPE CONNECTIONS		WEIGHT	DIMENSIONS mm			ELECTRIC DEFROST HEATERS
		-5SST @8K	-25SST @7K	SIZE	QTY X AMPS				50 Hz	M3/Hr		M	INLET	OUTLET	
ASL0020	HEJ-1D	0.94	0.6	200	1 x .23	240	480	4	1/2	3/8	6	410	375	169	1 x 2.3
ASL0040	HEJ-2D	1.86	1.18	200	2 x .23	240	960	4	1/2	3/8	10	735	375	169	1 x 3.6
ASL0060	HEJ-3D	2.79	1.77	200	3 x .23	240	1440	4	1/2	1/2	13	1060	375	169	1 x 5.5
ASL0080	HEJ-4D	3.71	2.36	200	4 x .23	240	1920	4	1/2	1/2	18	1385	375	169	1 x 6.8

Air flow affected by room conditions





## MINT EVAPORATORS

“ Mint evaporators have been designed in Europe to incorporate high efficiency and robust quality. A large range of options allows for a perfect match to your application.

### EASY INSTALLATION

### LARGE RANGE

STAINLESS STEEL FIXINGS

POWDER COATED

EFFICIENT AXIAL FANS

IN-LINE TUBING PATTERN

ALUMINIUM CASING



### NOMENCLATURE

HEA	2501	09	4	D
SERIES	FAN SIZE/NUMBER OF FANS	SURFACE AREA	FIN SPACING	DEFROST HEATERS

### ADVANTAGES

“ **Multiple Fin Spacing Options** – Difference fin spacing in each form factor allows for multiple capacities.  
**Quality Construction** – Full aluminium case end plates coupled with heavy gauge tube and fins increases performance life.  
**Coil Design** – The 1/2" in-line tube pattern allows for additional rows without compromising air flow and heat transfer. This pattern is also less affected by icing and takes less time to defrost.  
**Axial Fans** – Efficient axial fans are commonly available and easily maintained.  
**Easy Install** – Lightweight units with slotted mounting feet are easily installed.  
**Pipework Position** – Matches many popular models for easy retrofit or replacement.

### ALSO AVAILABLE

HEC SERIES	Large Low Profile Evaporators	0.73kW - 9.51kW
HEDM SERIES	Medium Profile Dual Discharge	3.37kW - 19.21kW
HEDH SERIES	High Profile Dual Discharge	4.4kW - 56.2kw

# EVAPORATORS HEA SERIES



## HEA SERIES - EVAPORATORS

- ▶ High performance fans
- ▶ High efficiency heat exchanger
- ▶ Low noise level
- ▶ Easy installation and maintenance
- ▶ Low energy consumption
- ▶ White powder coated aluminium
- ▶ Stainless steel heater elements in 'D' models

## NOMENCLATURE

HEA	2501	09	4	D
SERIES	FAN SIZE/NUMBER OF FANS	SURFACE AREA	FIN SPACING	DEFROST HEATERS

## MEDIUM TEMP

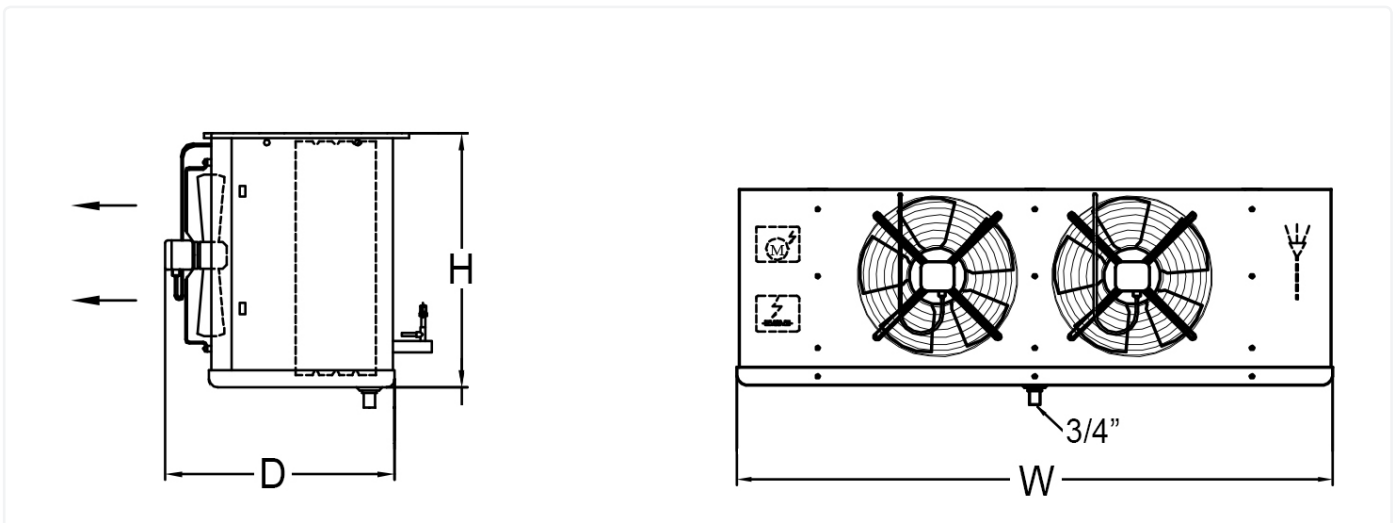
STOCK CODE	MODEL	CAPACITY R404A/R507A kW		FAN		VOLT 50 Hz	AIR FLOW M3/Hr	AIR THROW M	TX VALVE	PIPE CONNECTIONS		WEIGHT KG	DIMENSIONS mm			ELECTRIC DEFROST HEATERS AMPS
		-5SST @8K	-25SST @7K	SIZE	QTY x AMPS					INLET	OUTLET		WIDTH	DEPTH	HEIGHT	
ASK0020	HEA2501094	2.05	-	250	1 x .23	240	900	4	EXT	1/2	5/8	14	702	430	350	-
ASK0040	HEA2502174	3.97	-	250	2 x .23	240	1800	7	EXT	1/2	3/4	25	1094	430	350	-
ASK0045	HEA2503264	5.82	-	250	3 x .23	240	2700	8	EXT	1/2	7/8	36	1486	430	350	-
ASK0050	HEA2504354	7.76	-	250	4 x .23	240	3600	9	EXT	1/2	7/8	47	1878	430	350	-
ASK0055	HEA2506524	11.85	-	250	6 x .23	240	5400	12	EXT	5/8	1 1/8	70	2662	430	350	-
ASK0060	HEA3001124	2.69	-	300	1 x .45	240	1800	5	EXT	1/2	3/4	19	702	415	460	-
ASK0080	HEA3002234	5.45	-	300	2 x .45	240	3600	7	EXT	1/2	7/8	32	1094	415	460	-
ASK0100	HEA3003354	8.24	-	300	3 x .45	240	5400	10	EXT	1/2	7/8	46	1486	415	460	-
ASK105	HEA3004464	10.88	-	300	4 x .45	240	7200	11	EXT	5/8	1 1/8	60	1878	415	460	-
ASK110	HEA3006694	16.4	-	300	6 x .45	240	10800	12	EXT	5/8	1 1/8	85	2662	415	460	-
ASK115	HEA4001204	5.16	-	400	1 x 1.1	240	3895	9	EXT	1/2	3/4	30	912	455	530	-
ASK120	HEA4002404	10.01	-	400	2 x 1.1	240	7790	12	EXT	5/8	7/8	57	1486	455	530	-
ASK125	HEA4003544	12.63	-	400	3 x 1.1	240	11685	13	EXT	5/8	1 1/8	73	1878	455	530	-
ASK130	HEA4004814	20.9	-	400	4 x 1.1	240	15580	15	EXT	5/8	1 3/8	109	2662	455	530	-
ASK135	HEA4501314	7.53	-	450	1 x 1.35	240	7030	13	EXT	1/5	7/8	41	1094	460	600	-
ASK140	HEA4502614	15.07	-	450	2 X 1.35	415	14060	15	EXT	5/8	1 1/8	82	1878	460	600	-
ASK145	HEA4503924	21.19	-	450	3 X 1.35	415	21090	17	EXT	5/8	1 3/8	122	2662	460	600	-

# EVAPORATORS HEA SERIES

## MEDIUM TEMP

STOCK CODE	MODEL	CAPACITY R404A/R507A kW		FAN		VOLT	AIR FLOW M3/Hr	AIR THROW M	TX VALVE	PIPE CONNECTIONS		WEIGHT KG	DIMENSIONS mm			ELECTRIC DEFROST HEATERS AMPS
		-5SST @8K	-25SST @7K	SIZE	QTY x AMPS					50 Hz	INLET		OUTLET	WIDTH	DEPTH	
ASK0600	HEA2502116	3.32	-	250	2 x .23	240	1900	7	EXT	1/2	3/4	23	1094	430	350	-
ASK0620	HEA2503176	4.89	-	250	3 x .23	240	2850	8	EXT	1/2	7/8	33	1486	430	350	-
ASK0640	HEA2504236	6.53	-	250	4 x .23	240	3800	9	EXT	1/2	7/8	43	1878	430	350	-
ASK0660	HEA2506356	9.99	-	250	6 x .23	240	5700	12	EXT	5/8	1 1/8	66	2662	430	350	-
ASK0680	HEA3001086	2.27	-	300	1 x .45	240	1900	5	EXT	1/2	3/4	18	702	415	460	-
ASK0700	HEA3002156	4.59	-	300	2 x .45	240	3800	7	EXT	1/2	7/8	30	1094	415	460	-
ASK0720	HEA3003236	6.95	-	300	3 x .45	240	5700	10	EXT	1/2	7/8	43	1486	415	460	-
ASK0740	HEA3004316	9.13	-	300	4 x .45	240	7600	11	EXT	5/8	1 1/8	56	1878	415	460	-
ASK0760	HEA3006466	13.72	-	300	6 x .45	240	11400	12	EXT	5/8	1 1/8	83	2662	415	460	-
ASK0780	HEA4001136	4.34	-	400	1 x 1.1	240	4100	9	EXT	1/2	3/4	28	912	455	530	-
ASK0800	HEA4002276	8.40	-	400	2 x 1.1	240	8200	12	EXT	5/8	7/8	53	1486	455	530	-
ASK0820	HEA4003366	10.60	-	400	3 x 1.1	240	12300	13	EXT	5/8	1 1/8	68	1878	455	530	-
ASK0840	HEA4004546	17.55	-	400	4 x 1.1	240	16400	15	EXT	5/8	1 3/8	103	2662	455	530	-
ASK0860	HEA4501206	6.33	-	450	1 x 1.35	240	7400	13	EXT	1/2	7/8	38	1094	460	600	-
ASK0880	HEA4502416	12.60	-	450	2 x 1.35	415	14800	15	EXT	5/8	1 1/8	75	1878	460	600	-
ASK0900	HEA4503616	17.85	-	450	3 x 1.35	415	22200	17	EXT	5/8	1 3/8	115	2662	460	600	-

Air flow affected by room conditions



# EVAPORATORS HEA SERIES

## LOW TEMP

STOCK CODE	MODEL	CAPACITY R404A/R507A kW		FAN SIZE	QTY x AMPS	VOLT 50 Hz	AIR FLOW M3/Hr	AIR THROW M	TX VALVE	PIPE CONNECTIONS		WEIGHT KG	DIMENSIONS mm			ELECTRIC DEFROST HEATERS AMPS
		-5SST @8K	-25SST @7K							INLET	OUTLET		WIDTH	DEPTH	HEIGHT	
ASK0175	HEA2501066D	-	1.10	250	1 x .23	240	950	4	EXT	1/2	5/8	13	702	430	350	5.4
ASK0180	HEA2502116D	-	2.11	250	2 x .23	240	1900	6	EXT	1/2	3/4	23	1094	430	350	9.3
ASK0185	HEA2503176D	-	3.10	250	3 x .23	240	2850	7	EXT	1/2	7/8	33	1486	430	350	12.9
ASK0190	HEA2504236D	-	4.15	250	4 x .23	240	3800	8	EXT	1/2	7/8	43	1878	430	350	16.5
ASK0195	HEA2506356D	-	6.34	250	6 x .23	240	5700	11	EXT	5/8	1 1/8	66	2662	430	350	23.7
ASK0200	HEA3001086D	-	1.44	300	1 x .45	240	1900	5	EXT	1/2	3/4	18	702	415	460	7.2
ASK0260	HEA3002156D	-	2.91	300	2 x .45	240	3800	6	EXT	1/2	7/8	30	1094	415	460	12.4
ASK0280	HEA3003236D	-	4.41	300	3 x .45	240	5700	9	EXT	1/2	7/8	43	1486	415	460	17.2
ASK0300	HEA3004316D	-	5.80	300	4 x .45	240	7600	10	EXT	5/8	1 1/8	56	1878	415	460	17.2
ASK0320	HEA3006466D	-	8.71	300	6 x .45	240	11400	11	EXT	5/8	1 1/8	83	2662	415	460	22
ASK0340	HEA4001163D	-	2.75	400	1 x 1.1	240	4100	8	EXT	1/2	3/4	28	912	455	530	11.5
ASK0360	HEA4002276D	-	5.33	400	2 x 1.1	240	8200	11	EXT	5/8	7/8	53	1486	455	530	21.5
ASK0380	HEA4003366D	-	6.73	400	3 x 1.1	240	12300	12	EXT	5/8	1 1/8	687	1878	455	530	27.5
ASK0400	HEA4004546D	-	11.14	400	4 x 1.1	240	16400	14	EXT	5/8	1 3/8	103	2662	455	530	39.5
ASK0420	HEA4501206D	-	4.02	450	1 x 1.35	240	7400	12	EXT	1/2	7/8	38	1094	460	600	15.5
ASK0440	HEA4502416D	-	8.00	450	2 x 1.35	415	14800	14	EXT	5/8	1 1/8	75	1878	460	600	27.5
ASK0460	HEA4503616D	-	11.33	450	3 x 1.35	415	22200	15	EXT	5/8	1 3/8	115	2662	460	600	39.5

# EVAPORATORS HEB SERIES



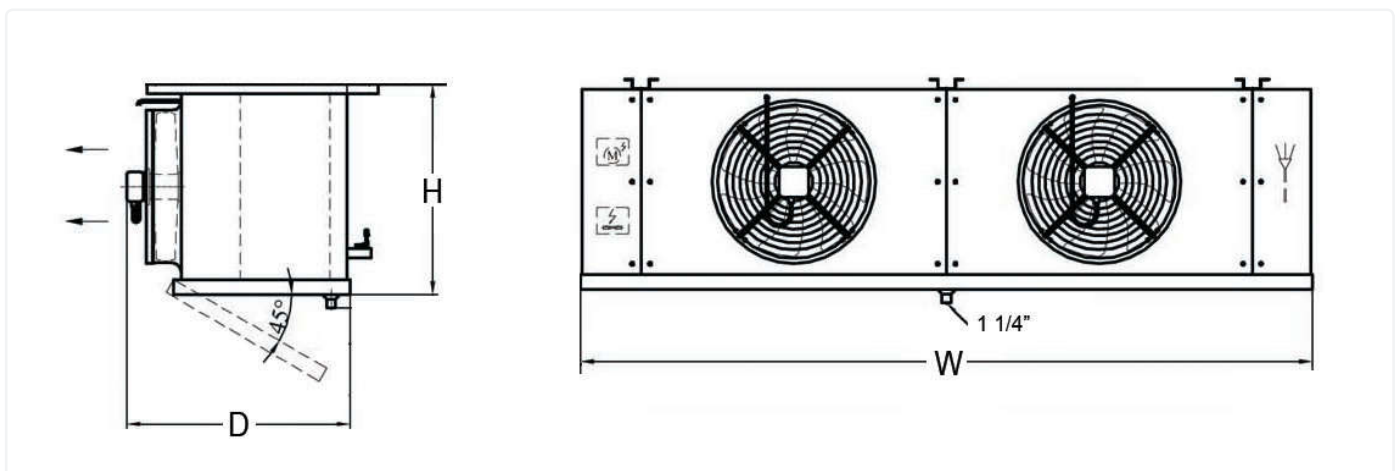
## MEDIUM TEMP

STOCK CODE	MODEL	CAPACITY R404A/R507A kW		FAN		VOLT 50 Hz	AIR FLOW M3/Hr	AIR THROW M	TX VALVE	PIPE CONNECTIONS		WEIGHT KG	DIMENSIONS mm			ELECTRIC DEFROST HEATERS AMPS
		-5SST @8K	-25SST @7K	SIZE	QTY x AMPS					INLET	OUTLET		WIDTH	DEPTH	HEIGHT	
ASK1000	HEB50021064.5	22.25	-	500	2 x 1.55	415	19019	28	EXT	5/8	1 5/8	138	2463	753	655	-
ASK1020	HEB50021594.5	27.36	-	500	2 x 1.55	415	18639	27	EXT	5/8	1 5/8	171	2463	753	655	-
ASK1040	HEB50031594.5	33.38	-	500	3 x 1.55	415	28529	30	EXT	5/8	2 1/8	201	3492	753	655	-
ASK1060	HEB50032394.5	42.29	-	500	3 x 1.55	415	27959	29	EXT	5/8	2 1/8	294	3492	753	655	-
ASK1080	HEB50042184.5	44.52	-	500	4 x 1.55	415	38038	32	EXT	5/8	2 1/8	263	4522	753	655	-
ASK1100	HEB50043274.5	56.38	-	500	4 x 1.55	415	36328	31	EXT	5/8	2 1/8	3695	4522	753	655	-
ASK1120	HEB55044334.5	68.23	-	550	4 x 1.78	415	38190	32	EXT	7/8	2 1/2	492	4565	865	900	-
ASK1140	HEB63035814.5	76.83	-	630	3 x 1.98	415	37580	32	EXT	2 x 7/8	2 x 2 1/2	576	4135	920	1000	-
ASK1160	HEB63047784.5	102.44	-	630	4 x 1.98	415	50110	34	EXT	2 x 7/8	2 x 2 1/2	764	5365	920	1300	-

## LOW TEMP

STOCK CODE	MODEL	CAPACITY R404A/R507A kW		FAN		VOLT 50 Hz	AIR FLOW M3/Hr	AIR THROW M	TX VALVE	PIPE CONNECTIONS		WEIGHT KG	DIMENSIONS mm			ELECTRIC DEFROST HEATERS AMPS
		-5SST @8K	-25SST @7K	SIZE	QTY x AMPS					INLET	OUTLET		WIDTH	DEPTH	HEIGHT	
ASK1440	HEB5002697D	-	11.2	500	2 x 1.55	415	20020	25	EXT	5/8	1 5/8	124	2463	753	655	27.95
ASK1460	HEB50021037D	-	14.51	500	2 x 1.55	415	16920	24	EXT	5/8	1 5/8	150	2463	753	655	33.54
ASK1480	HEB50031037D	-	16.78	500	3 x 1.55	415	30030	27	EXT	5/8	2 1/8	180	3492	753	655	38.55
ASK1500	HEB50031567ED	-	21.26	500	3 x 1.55	415	29430	26	EXT	5/8	2 1/8	218	3492	753	655	46.27
ASK1520	HEB50042097D	-	28.35	500	4 x 1.55	415	38240	28	EXT	5/8	2 1/8	353	4522	753	655	61.59
ASK1540	HEB55042787D	-	43.31	550	4 x 1.78	415	40200	29	EXT	7/8	2 1/2	432	4565	865	900	61.59
ASK1560	HEB63045007D	-	58.58	630	4 x 1.98	415	52750	31	EXT	2 x 7/8	2 x 2 1/8	658	5365	920	1300	109.73

Air flow affected by room conditions



# EVAPORATORS

## MINT - SERIES

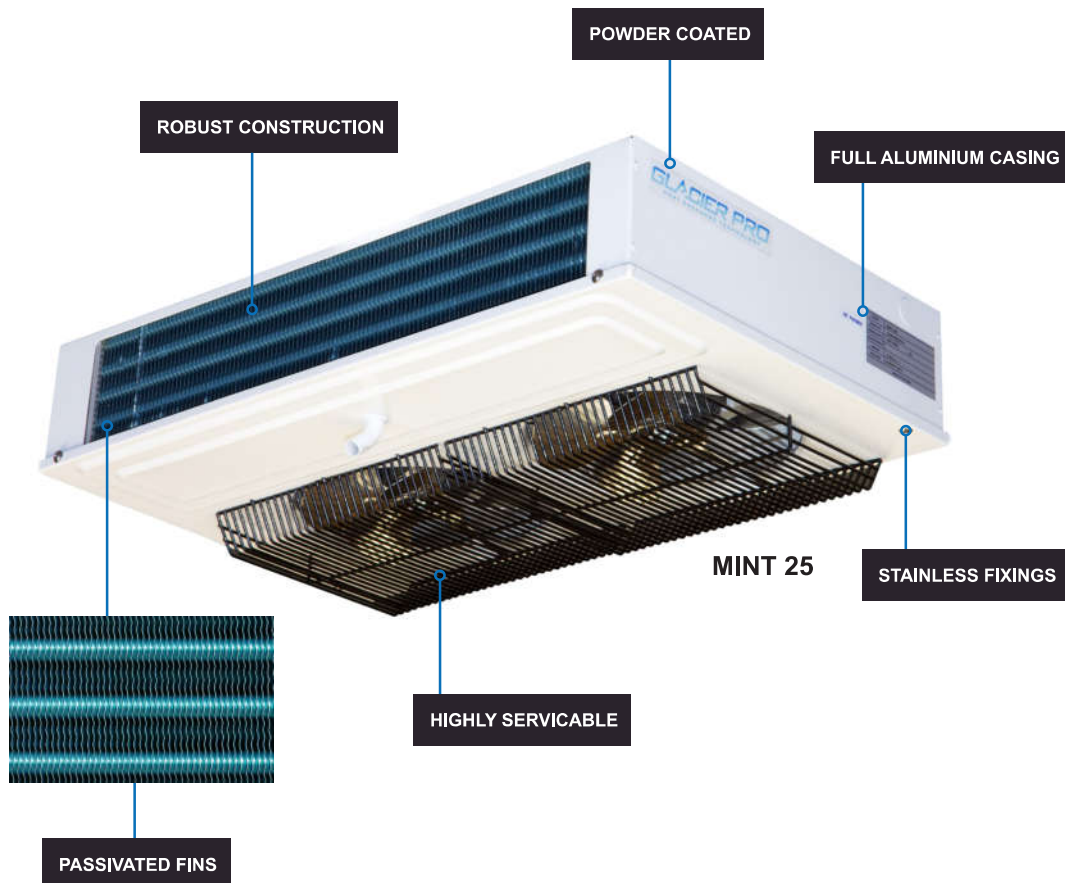


### MINT EVAPORATORS

“ Mint evaporators by Glacier Pro incorporate proven design principles with high quality construction, providing a simple solution for small to medium installations where space is at a premium. Multiple configurations provide the installer with the best options to suit the desired requirement.

### ADVANTAGES

“ **Robust construction** – Heavy duty casing, fin material and copper tubing ensure resilience in the commercial sector. Full aluminium casing and stainless fixings – High quality materials offer long term corrosion resistance. **Powder coating** – Smooth finishes allow for ease of cleaning and improved hygiene. **Passivated fins** – A chemical treatment which significantly increases corrosion resistance, in turn promoting long term performance. **Highly serviceable** – Commonly available replacement parts amount to reduced down time during servicing. **Classic tube geometry** – 3/8” staggered pattern.



# EVAPORATORS MINT - COOLERS

## NOMENCLATURE

MINT	1	5	E
MINT SERIES	NUMBER OF FANS	COIL SERIES	ELECTRIC DEFROST

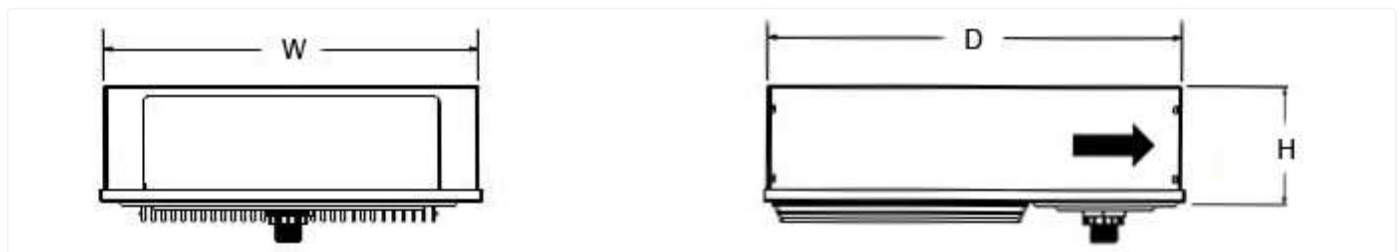
## MEDIUM TEMPERATURE

STOCK CODE	MODEL	CAPACITY -5°C SST watts 6°TD	FAN MOTOR (240v)		TX VALVE INT/EXT	WIDTH W	DEPTH D	HEIGHT H	PIPE CONNECTIONS		DRAIN SIZE (mm)
		R404a	SIZE MM	QTY X AMPS					INLET	OUTLET	
ASA0020	MINT 14	320	230	1 x 0.04	INT	385	430	145	3/8	3/8	16
ASA0040	MINT 15	420	230	1 x 0.04	INT	385	430	145	3/8	3/8	16
ASA0060	MINT 24	640	230	2 x 0.04	INT	670	430	145	3/8	3/8	16
ASA0080	MINT 25	780	230	2 x 0.04	INT	670	430	145	3/8	3/8	16
ASA0100	MINT 34	1050	230	3 x 0.04	INT	990	430	145	3/8	3/8	16
ASA0120	MINT 35	1180	230	3 x 0.04	INT	990	430	145	3/8	3/8	16
ASA0125	MINT 45	1750	230	4 x 0.04	INT	1293	426	150	3/8	1/2	16

## LOW TEMPERATURE

STOCK CODE	MODEL	CAPACITY -25°C SST watts 6°TD	FAN MOTOR (240v)		DEFROST HEATER ELEMENTS		TX VALVE INT/EXT	WIDTH W	DEPTH D	HEIGHT H	PIPE CONNECTIONS	
		R404a	SIZE MM	QTY X AMPS	QTY	TOTAL AMPS					INLET	OUTLET
ASA0140	MINT 14E	230	230	1 x 0.04	1	1.5	INT	385	430	145	3/8	3/8
ASA0160	MINT 15E	302	230	1 x 0.04	1	1.5	INT	385	430	145	3/8	3/8
ASA0180	MINT 24E	461	230	2 x 0.04	1	2.9	INT	670	430	145	3/8	3/8
ASA0200	MINT 25E	562	230	2 x 0.04	1	2.9	INT	670	430	145	3/8	3/8
ASA0220	MINT 34E	756	230	3 x 0.04	1	4.1	INT	990	430	145	3/8	3/8
ASA0240	MINT 35E	850	230	3 x 0.04	1	4.1	INT	990	430	145	3/8	3/8
ASA0260	MINT 45E	1098	230	4 x 0.04	1	6.08	INT	1293	426	150	3/8	1/2

TD based on average room temperature



### CAPACITY CORRECTION FACTORS - CHILLER

°C SST	-15	-10	-5	0	5
R404A	0.93	0.97	1	1.02	1.06
R507	0.94	0.98	0.99	1.02	1.06
R22	0.91	0.95	0.98	0.97	1.03
R134a	0.86	0.91	0.92	0.95	0.96

### CAPACITY CORRECTION FACTORS - FREEZER

°C SST	-35	-30	-25	-20	-15
R404A	0.87	0.95	1	1.03	1.05
R507	0.88	0.97	1.02	1.04	1.06
R22	0.9	0.97	1.01	0.03	1.04

Correction factors given as a guide only.  
For mounting and technical information request official Glacier Pro brochure.



# EVAPORATORS

## MDA - DUAL AIR CABINET COOLERS



### NOMENCLATURE

M	DA	1	5	E
MINT SERIES	DUAL AIR CABINET COOLER	NUMBER OF FANS	COIL SERIES	ELECTRIC DEFROST

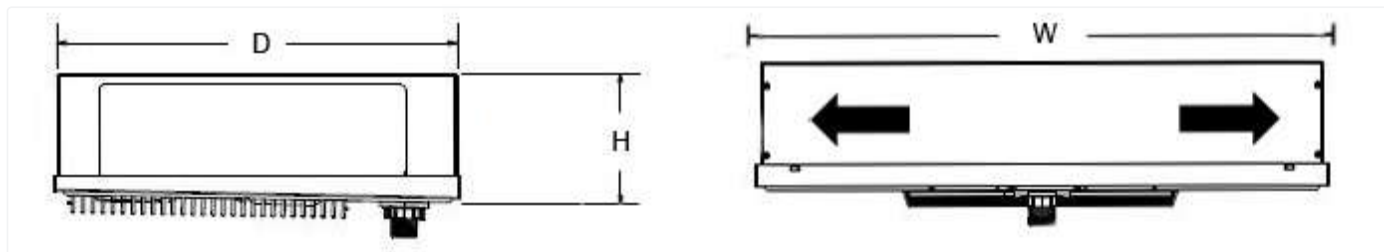
### MEDIUM TEMPERATURE

STOCK CODE	MODEL	CAPACITY	FAN MOTOR (240v)		TX VALVE	WIDTH	DEPTH	HEIGHT	PIPE CONNECTIONS		DRAIN SIZE (mm)
		-5°C SST watts 6°TD	R404a	SIZE MM					QTY X AMPS	INT/EXT	
ASA0260	MDA 12	290	250	1 x 0.06	INT	590	410	135	3/8	3/8	16
ASA0280	MDA 13	435	250	1 x 0.06	INT	590	410	135	3/8	3/8	16
ASA0300	MDA 14	590	250	1 x 0.06	INT	590	410	135	3/8	3/8	16
ASA0320	MDA 15	710	250	1 x 0.06	INT	590	410	135	3/8	3/8	16

### LOW TEMPERATURE

STOCK CODE	MODEL	CAPACITY	FAN MOTOR (240v)		DEFROST HEATER ELEMENTS		TX VALVE	WIDTH	DEPTH	HEIGHT	PIPE CONNECTIONS		DRAIN SIZE (mm)
		-25°C SST watts 6°TD	R404a	SIZE MM	QTY X AMPS	QTY					TOTAL AMPS	INT/EXT	
ASA0340	MDA 12E	290	250	1 x 0.06	1	1.4	INT	590	410	135	3/8	3/8	16
ASA0360	MDA 13E	435	250	1 x 0.06	1	1.4	INT	590	410	135	3/8	3/8	16
ASA0380	MDA 14E	590	250	1 x 0.06	1	1.4	INT	590	410	135	3/8	3/8	16
ASA0400	MDA 15E	710	250	1 x 0.06	1	1.4	INT	590	410	135	3/8	3/8	16

TD based on average room temperature



#### CAPACITY CORRECTION FACTORS - CHILLER

°C SST	-15	-10	-5	0	5
R404A	0.93	0.97	1	1.02	1.06
R507	0.94	0.98	0.99	1.02	1.06
R22	0.91	0.95	0.98	0.97	1.03
R134a	0.86	0.91	0.92	0.95	0.96

#### CAPACITY CORRECTION FACTORS - FREEZER

°C SST	-35	-30	-25	-20	-15
R404A	0.87	0.95	1	1.03	1.05
R507	0.88	0.97	1.02	1.04	1.06
R22	0.9	0.97	1.01	0.93	1.04

Correction factors given as a guide only.  
For mounting and technical information request official Glacier Pro brochure.

# EVAPORATORS MLP - LOW PROFILE - MEDIUM



## NOMENCLATURE

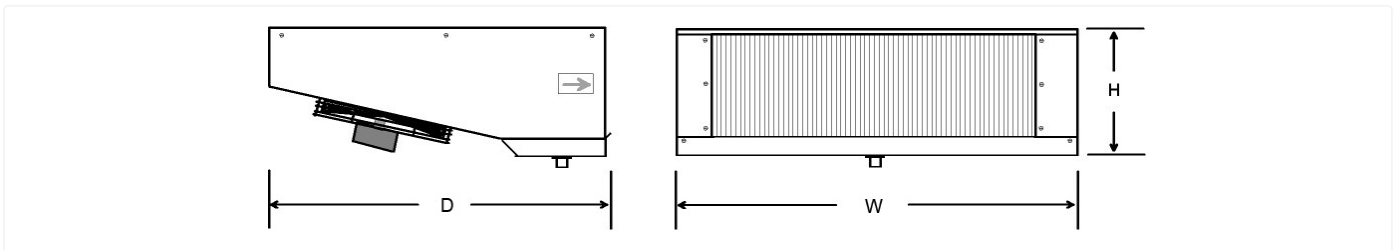
M	LP	6-10
MINT SERIES	LOW PROFILE	COIL SERIES



## MEDIUM TEMPERATURE

STOCK CODE	MODEL	CAPACITY -5°C SST kW 6°TD		FAN MOTOR (240v)		TX VALVE INT/EXT	WIDTH W	DEPTH D	HEIGHT H	PIPE CONNECTIONS		DRAIN SIZE (mm)
		R404a	SIZE MM	QTY X AMPS	INLET					OUTLET		
ASA0420	MLP 6-6	1.4	250	1 X .20	EXT	750	470	190	1/2	1/2	16	
ASA0440	MLP 6-10	1.85	300	1 x .39	EXT	1145	525	190	1/2	5/8	16	
ASA0460	MLP 8-10	2.45	300	1 x .39	EXT	1145	525	235	1/2	5/8	16	
ASA0480	MLP 10-10	2.9	300	1 x .39	EXT	1145	525	295	1/2	5/8	16	
ASA0500	MLP 10-14	5	350	2 x .54	EXT	1535	525	295	1/2	5/8	16	
ASA0520	MLP 10-17	6.1	350	2 x .54	EXT	1835	525	295	1/2	5/8	16	

TD based on average room temperature



## CAPACITY CORRECTION FACTORS - CHILLER

°C SST	-15	-10	-5	0	5
R404A	0.93	0.97	1	1.02	1.06
R507	0.94	0.98	0.99	1.02	1.06
R22	0.91	0.95	0.98	0.97	1.03
R134a	0.86	0.91	0.92	0.95	0.96

Correction factors given as a guide only.  
For mounting and technical information request official Glacier Pro brochure.