

C O N D E N S I N G U N I T

astra
by tecumseh

0.5 ⇌ 11 kW

**the essential cooling, now A2L ready**

safety by design
compatible
equipments for
A2L refrigerants



high temperature application
designed to ensure
reliable operation in all
environments



durable
engineered for durability
with optimizing fan
condenser efficiency

REFRIGERANTS



APPLICATIONS

cold room
reach in
display case

TECHNOLOGIES



COOLING PERFORMANCE

LOW BACK PRESSURE (LBP)

R-455A - 50Hz

model	voltage	size	fan*	liquid receiver volume (L)	diameter		ENI3215 Evap -35°C / Amb 32°C Subcool 3K / Superheat 55K	
					in	out	capacity (W)	COP (W/W)
ASTAJ2446P	TX	S	M350	1.50	1/2"	1/4"	558	0.96
ASTAJ2446P	FZ	S	M350	1.50	1/2"	1/4"	569	0.91
ASTAJ2464P	TX	S	M350	1.50	1/2"	1/4"	770	0.97
ASTAJ2464P	FZ	S	M350	1.50	1/2"	1/4"	773	0.96
ASTFH2480P	XC	S	M350	1.50	5/8"	3/8"	1130	1.08
ASTFH2480P	TX	S	M350	1.50	5/8"	3/8"	1145	1.16
ASTAG2516P	TX	M	M450	2.35	7/8"	3/8"	1584	0.92
ASTFH2511P	TX	S	M350	1.50	5/8"	3/8"	1752	1.24
ASTFH2511P	XC	S	M350	1.50	5/8"	3/8"	1805	1.20
ASTAG2519P	TX	M	M450	2.35	7/8"	3/8"	2091	1.02
ASTAG2522P	TX	M	M450	3.90	7/8"	3/8"	2495	1.12
ASTAG2525P	TX	M	M450	3.90	7/8"	1/2"	2665	1.13

* M : Single fan / B : Double fan

R-452A - 50Hz

model	voltage	size	fan*	liquid receiver volume (L)	diameter		ENI3215 Evap -35°C / Amb 32°C Subcool 3K / Superheat 55K	
					in	out	capacity (W)	COP (W/W)
ASTAJ2446P	TX	S	M350	1.50	1/2"	1/4"	640	1.01
ASTAJ2446P	FZ	S	M350	1.50	1/2"	1/4"	671	1.03
ASTAJ2464P	TX	S	M350	1.50	1/2"	1/4"	876	1.07
ASTAJ2464P	FZ	S	M350	1.50	1/2"	1/4"	884	1.00
ASTFH2480Z	TX	S	M350	1.50	5/8"	3/8"	1277	1.21
ASTFH2480Z	XC	S	M350	1.50	5/8"	3/8"	1368	1.12
ASTFH2511Z	TX	S	M350	1.50	5/8"	3/8"	1741	1.17
ASTFH2511Z	XC	S	M350	1.50	5/8"	3/8"	1886	1.19
ASTAG2516P	TX	M	M450	2.35	7/8"	3/8"	2170	1.18
ASTAG2519P	TX	M	M450	2.35	7/8"	3/8"	2508	1.21
ASTAG2522P	TX	M	M450	3.90	7/8"	3/8"	2836	1.23
ASTAG2525P	TX	M	M450	3.90	7/8"	1/2"	3111	1.21

* M : Single fan / B : Double fan

COOLING PERFORMANCE

HIGH BACK PRESSURE (HBP)

R-455A - 50Hz

model	voltage	size	fan*	liquid receiver volume (L)	diameter		ENI3215 Evap -10°C / Amb 32°C Subcool 3K / Superheat 30K	
					in	out	capacity (W)	COP (W/W)
ASTAJ4480P	TX	S	M350	1.50	1/2"	1/4"	1229	1.73
ASTAJ4480P	FZ	S	M350	1.50	1/2"	1/4"	1243	1.78
ASTAJ4510P	FZ	S	M350	1.50	1/2"	3/8"	1503	1.78
ASTAJ4510P	TX	S	M350	1.50	1/2"	3/8"	1590	1.87
ASTAJ4513P	TX	S	M350	1.50	1/2"	3/8"	1919	1.90
ASTAJ4513P	FZ	S	M350	1.50	1/2"	3/8"	1956	1.96
ASTAJ4517P	FZ	S	M350	2.35	1/2"	3/8"	2146	1.94
ASTAJ4517P	TX	S	M350	2.35	1/2"	3/8"	2237	2.04
ASTAJ4519P	FZ	S	M350	2.35	1/2"	3/8"	2722	1.98
ASTAJ4519P	TX	S	M350	2.35	1/2"	3/8"	2784	1.94
ASTFH4524P	TX	S	M450	2.35	5/8"	3/8"	3465	2.19
ASTFH4524P	XC	S	M450	2.35	5/8"	3/8"	3544	2.19
ASTFH4532P	TX	S	M450	3.90	7/8"	1/2"	4100	2.26
ASTFH4532P	XC	S	M450	3.90	7/8"	1/2"	4330	2.31
ASTFH4538P	XC	M	M500	3.90	7/8"	1/2"	5420	2.17
ASTFH4538P	TX	M	M500	3.90	7/8"	1/2"	5568	2.31
ASTFH4544P	TX	M	M500	6.00	7/8"	1/2"	6095	2.23
ASTFH4544P	XC	M	M500	6.00	7/8"	1/2"	6466	2.25
ASTAG4553P	TX	L	B450	6.00	7/8"	5/8"	6794	2.09
ASTAG4561P	TX	L	B450	6.00	7/8"	5/8"	8201	2.12
ASTAG4568P	TX	L	B450	6.00	7/8"	5/8"	8857	2.15
ASTAG4573P	TX	L	B450	6.00	1 1/9"	5/8"	9805	2.16
ASTAG4581P	TX	L	B450	6.00	1 1/11"	5/8"	10786	2.09

* M : Single fan / B : Double fan

R-452A - 50Hz

model	voltage	size	fan*	liquid receiver volume (L)	diameter		ENI3215 Evap -10°C / Amb 32°C Subcool 3K / Superheat 30K	
					in	out	capacity (W)	COP (W/W)
ASTAJ4480P	FZ	S	M350	1.50	1/2"	1/4"	1387	1.91
ASTAJ4480P	TX	S	M350	1.50	1/2"	1/4"	1412	1.95
ASTAJ4510P	FZ	S	M350	1.50	1/2"	3/8"	1695	1.94
ASTAJ4510P	TX	S	M350	1.50	1/2"	3/8"	1699	1.90
ASTAJ4513P	FZ	S	M350	1.50	1/2"	3/8"	2092	2.05
ASTAJ4513P	TX	S	M350	1.50	1/2"	3/8"	2024	1.97
ASTAJ4517P	FZ	S	M350	2.35	1/2"	3/8"	2271	1.95
ASTAJ4517P	TX	S	M350	2.35	1/2"	3/8"	2312	1.91
ASTAJ4519P	FZ	S	M350	2.35	1/2"	3/8"	2929	1.95
ASTAJ4519P	TX	S	M350	2.35	1/2"	3/8"	2979	1.94
ASTAG4553P	TX	L	B450	6.00	7/8"	5/8"	7368	2.06
ASTAG4561P	TX	L	B450	6.00	7/8"	5/8"	8188	2.05
ASTAG4568P	TX	L	B450	6.00	7/8"	5/8"	9398	2.12
ASTAG4573P	TX	L	B450	6.00	1 1/8"	5/8"	10030	2.03
ASTAG4581P	TX	L	B450	6.00	1 1/10"	5/8"	11057	2.06

* M : Single fan / B : Double fan

COOLING PERFORMANCE

HIGH BACK PRESSURE (HBP)

R-452A - 50Hz

model	voltage	size	fan*	liquid receiver volume (L)	diameter		EN13215 Evap -10°C / Amb 32°C Subcool 3K / Superheat 30K	
					in	out	capacity (W)	COP (W/W)
ASTFH4524Z	TX	S	M450	2.35	5/8"	3/8"	3336	2.06
ASTFH4524Z	XC	S	M450	2.35	5/8"	3/8"	3438	2.02
ASTFH4532Z	TX	S	M450	3.90	7/8"	1/2"	4255	2.21
ASTFH4532Z	XC	S	M450	3.90	7/8"	1/2"	4326	2.11
ASTFH4538Z	TX	M	M500	3.90	7/8"	1/2"	5682	2.27
ASTFH4538Z	XC	M	M500	3.90	7/8"	1/2"	5702	2.19
ASTFH4544Z	TX	M	M500	6.00	7/8"	1/2"	6276	2.12

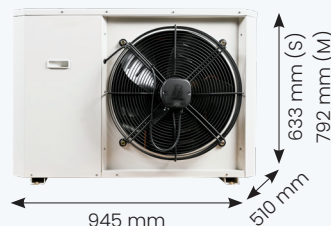
* M : Single fan / B : Double fan

REFRIGERANTS

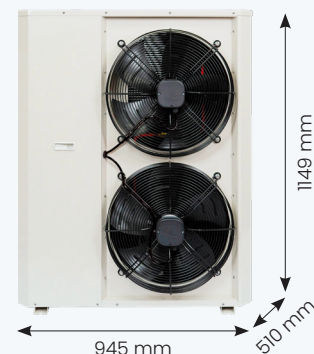


DIMENSIONS

SIZES S & M



SIZE L



configure
your Astra unit with
our product selection tool.



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