

## Flood Recovery Solution

# Why repair, when you can replace?

Guardian 407C Units Quickly & Easily Replace Flood Damaged R22 Condensing Units

*Offer Your Customer a Quality Cost-Effective Solution*

**Available and In-Stock at InscO!**

### Features:

- ✓ 5 Year Parts and Compressor Warranty
- ✓ Swing out access panel for easy access
- ✓ Angled service valves for easier connecting of hoses
- ✓ Sturdy grills and panels to protect the coil in only 2 pieces for easy removal
- ✓ Compatible with most R22 replacement refrigerants
- ✓ Uses existing R22 TXV's or easily add a TXV to existing equipment

Size	Model	Chatleff TXV (New Style York Coil)	Aeroquip TXV (Old Style York Coil)	Price \$ (TXV NOT Included)
1.5 ton	GAW14L18	S1-1TVMCA1	S1-1TVM2A1	<b>\$770</b>
2 ton	GAW14L24	S1-1TVMCA1	S1-1TVM2A1	<b>\$820</b>
2.5 ton	GAW14L30	S1-1TVMCB1	S1-1TVM2A1	<b>\$875</b>
3 ton	GAW14L36	S1-1TVMCB1	S1-1TVM2A1	<b>\$945</b>
3.5 ton	GAW14L42	S1-1TVMCD1	S1-1TVM2C1	<b>\$1,070</b>
4 ton	GAW14L48	S1-1TVMCD1	S1-1TVM2C1	<b>\$1,180</b>
5 ton*	GAW14L60	S1-1TVMCD1	S1-1TVM2C1	<b>\$1,290</b>

\*uses 1-1/8" suction line

While Supplies Last



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## PHYSICAL AND ELECTRICAL DATA

MODEL		GAW14L18 C22S	GAW14L24 C22S	GAW14L30 C22S	GAW14L36 C22S	GAW14L42 C22S	GAW14L48 C22S	GAW14L60 C22S
Unit Supply Voltage		208-230V, 1 $\phi$ , 60Hz						
Normal Voltage Range <sup>1</sup>		187 to 252						
Minimum Circuit Ampacity		11.2	14.2	17.6	18.9	22.1	26.1	28.5
Max. Overcurrent Device Amps <sup>2</sup>		15	25	30	30	35	45	50
Min. Overcurrent Device Amps <sup>3</sup>		15	15	20	20	25	30	30
Compressor Amps	Type <sup>4</sup>	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Rated Load	8.3	10.8	13.4	14.1	16.6	19.8	21.8
	Locked Rotor	40.3	56.0	68.0	75.0	88.0	104.0	137.0
Crankcase Heater		No	No	No	No	No	No	No
Factory External Discharge Muffler		No	No	No	No	No	No	No
Factory External Check Valve		No	No	No	No	No	No	No
HS Kit Required with TXV		No	No	No	No	No	No	No
Optional Start Kit: PN S1-2SA067 <sup>5</sup>		10106	10106	10106	10106	10106	10106	10106
Fan Diameter Inches		22	22	22	24	24	26	26
Fan Motor	Rated HP	1/8	1/8	1/8	1/4	1/4	1/4	1/4
	Rated Load Amps	0.80	0.80	0.80	1.3	1.3	1.3	1.3
	Nominal RPM	1075	1075	1075	850	850	850	850
	Nominal CFM	3000	3000	3100	3500	3500	3800	3900
Coil	Face Area Sq. Ft.	15.22	15.22	19.11	20.57	20.57	25.65	30.11
	Rows Deep	1	1	1	1	1	1	1
	Fins / Inch	23	23	23	23	23	23	23
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed) <sup>6</sup>		3/4	3/4	3/4	3/4	7/8	7/8	1-1/8 <sup>‡</sup>
Unit Charge (Lbs. - Oz.)		1 - 0	1 - 0	1 - 0	1 - 0	1 - 0	1 - 0	1 - 0
Charge Per Foot, Oz.		.63	.63	.63	.63	.65	.65	.70
Operating Weight Lbs.		135	135	150	195	195	200	210

1. Rated in accordance with AHRI Standard 110-2012, utilization range "A".
2. Dual element fuses or HACR circuit breaker. Maximum allowable overcurrent protection.
3. Dual element fuses or HACR circuit breaker. Minimum recommended overcurrent protection.
4. GAW models feature compressors containing POE oil.
5. Use S1-2SA067\*\*\*\* series kit. See Hard Start Kit Accessory Installation Manual.
6. For applications with non-standard vapor line sizes, see the "Applications & Accessories" section of this Technical Guide.

## SYSTEM CHARGE FOR VARIOUS MATCHED SYSTEMS

Outdoor Unit	GAW14L18C22S	GAW14L24C22S	GAW14L30C22S	GAW14L36C22S	GAW14L42C22S	GAW14L48C22S	GAW14L60C22S
Required TXV <sup>1,2</sup>	2A	2A	2A	2A	2C	2C	2C
Indoor Unit <sup>3,4,5</sup>	Starting Charge, lb-oz						
FC1CXT1	1- 12	-	-	-	-	-	-
FC3DXT1	-	2 - 2	2 - 8	2 - 8	2 - 0	-	-
FC5DXT1	-	-	-	-	-	3 - 5	3 - 12

Some of the combinations shown in the above System Charge table require Advanced Main Air Circulating Fan indoor product. For approved coil only matches, please see the "COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils" table.

### FOOTNOTES:

1. For applications requiring a TXV, use S1-1TVM\*\*\* series kit.
2. A TXV kit must be used with these indoor units to obtain system performance.
3. Systems matched with furnaces or air handlers not equipped with blower-off delays may require blower Time Delay Kit S1-2FD06700224.
4. FC coils cannot be used in horizontal applications.
5. Charge adders shown above do not indicate that coils are rated for every application. Refer to Performance Data Tables for actual performance for specified system matches. Obtain certified system ratings from [www.ahridirectory.org](http://www.ahridirectory.org).

### PROCEDURES:

1. Verify the TXV and additional charge required for specific matched indoor unit in the system using the above table.
2. Charge per the instructions in the Installation Manual.

**\*\*Subtract 1lb refrigerant for C22S Series units (C22S Series contain 1lb R407C)**