



# Service Information

File In/With: N/A

(Supersedes SI0101 [904])

SI0101

REV

11-08

Equipment Affected: YPC Absorption Chillers

Revised Solution & Refrigerant Quantity Charges for Mod "D" Units

Recently, the YPC product line modification level was revised from “C” to “D”. This change is due in part to an enhanced solution-to-solution heat exchanger design for compliance to the ANSI/ASHRAE 15-2001 code. Because of the design change, the refrigerant and solution charge quantities have been adjusted and are shown in the table below.

The modification level of the unit can be determined by referring to the nameplate which is located on the side of the control panel.

An example of unit model number on nameplate showing the modification level is shown below:

**YPC – FN – 14SC – 46 – C – S – D**

Modification Level 

Refer to the table below for the new quantities. The table can be used for Mod “D” level units only to calculate inhibitor additions and other maintenance processes.

ParaFlow Typical Charges for Advaguard 750, Mod Level “D” Units											
Unit	Alcohol (gal)	Refrigerant		Refrigerant		Solution			Solution		
		Steam		Direct Fired		Steam			Direct Fired		
		(gal)	Drums <sup>1</sup> (shipped)	(gal)	Drums <sup>1</sup> (shipped)	(lbs)	(gal)	Drums <sup>2</sup> (shipped)	(lbs)	(gal)	Drums <sup>2</sup> (shipped)
12SC	14.3	—	—	119	3	—	—	—	3,200	240	8
13SC	14.3	—	—	103	2	—	—	—	4,001	300	11
14SC	14.3	161	3	134	3	3,600	270	9	4,800	360	12
15SL	9.5	—	—	240	5	—	—	—	5,656	424	15
16S	9.5	—	—	240	5	—	—	—	5,656	424	15
16SL	14.3	311	6	266	5	5,618	421	15	7,197	540	19
17S	14.3	311	6	266	5	5,618	421	15	7,197	540	19
18S	14.3	338	7	319	6	6,826	512	18	8,560	642	22
19S	19.0	443	9	372	7	7,677	576	20	9,970	748	26

NOTES: <sup>1</sup> 1 drum of refrigerant = 55 gals.

<sup>2</sup> 1 drum of solution = 30 gals.