

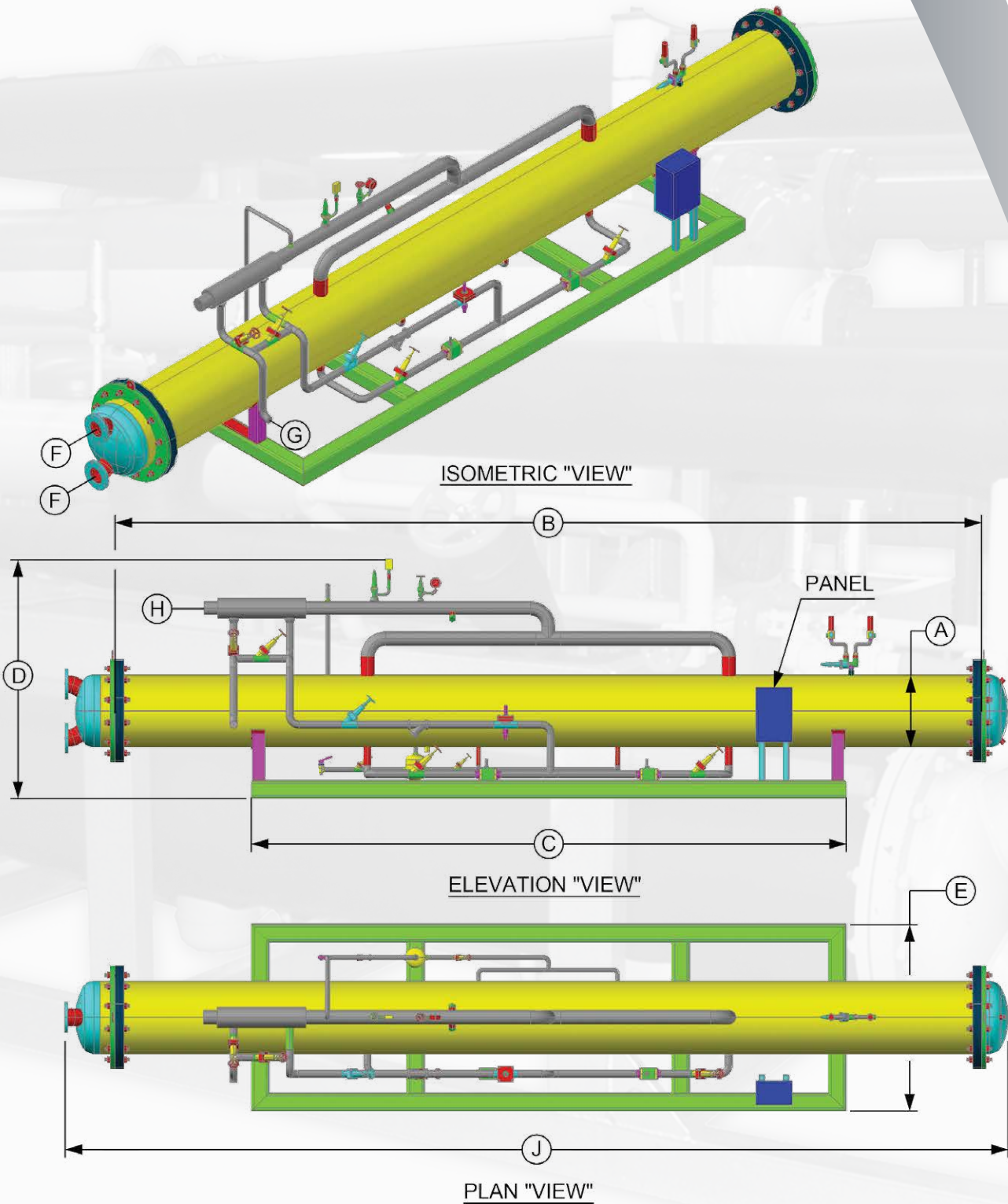
## *Ultra-Low Charge “Red Water” Re-Chillers for Poultry Application*

A patented design with the least refrigerant charge evaporator in the industry today. It works under the up-feed direct expansion concept so pumps are not required as in a conventional falling film spray chiller. The key to the technology is the patented refrigerant distribution system that develops a uniform but very thin liquid-vapor film for maximum heat transfer. The shell itself is literally devoid of liquid refrigerant which helps in freeze protection and instant switching to Clean-in-Place (CIP) when necessary. The chiller can be supplied complete with valves and control system on a stainless steel skid or as a Stand-Alone for field installation. The controller maintains a precise temperature reading. All key items are adequately insulated.



### **Key Features**

- Mechanical Integrity of a Shell-and-Tube
- Superior Heat Transfer
- No pumps or moving parts
- 5-10 times less Refrigerant Charge per TR compared to Pumped Spray Chiller
- Stainless Steel 304 or 316 tubes and tube sheets
- Tube joints Strength Welded per ASME Code
- Light weight Corrosion Resistant end covers for easy access to the tubes
- Simple Oil Management
- Touch Screen Control System. Remote Communications Control (RCC) package available
- Design per ASME with “U” stamp and rated for 300 psig
- Canadian Registration (CRN), PED (CE Marking), DNV or Australian 1210 can be provided



Model	Capacity (TR)	Flow (gpm)	Pressure Drop (psi)	Dimensions (inches)									Weight (lbs)	NH <sub>3</sub> Charge (lbs)
				A	B	C	D	E	F	G	H	J		
SXRW-2424J	100	400	12	24	288	192	72	60	4	1.5	5	312	5,500	60
SXRW-2824J	150	600	13	28	288	192	76	60	5	1.5	6	312	8,200	75
SXRW-3024J	200	750	14	30	288	192	78	60	5	2	6	316	8,700	85
SXRW-3026J	250	800	15	30	312	210	78	60	5	2	8	342	9,500	100
SXRW-3030J	300	800	16	30	360	240	78	60	5	2	8	390	11,000	125

- Rating is for Ammonia; for R-22 and R-134a apply a capacity reduction factor of 0.9
- Capacity based on suction temperature of 20°F at the evaporator outlet
- Water inlet 39°F and outlet 33°F