

# KIG K-Series Dual Circuit Outdoor Rated Chillers

## 15,20 and 30 ton

- Made in USA
- Outdoor Rated (Check with us for indoor operation)
- 2 Refrigerant Circuits for Optimum Redundancy
- 2 Scroll Compressors (one for each circuit)
- Dual Stage Controller allows customer specified staging.
- Dual water pumps (chiller circulation and process pump) [for style C]
- Industrial condenser coil (not a re-purposed A/C unit).
- Horizontal condenser coil location for clearance and open access area.
- Removable are filter screen on each side of chiller.
- Remote controller with 30 ft cable
- Low and High ambient for hot and cold climates.



**Dual Stage Controller allows each compressor/circuit to have individual setpoint temperature and differential.**



### [Dwyer dual stage remote control]

- Fluid temperature range from 70F down to 25F. Suitable for industrial and comfort cooling applications, and glycol chilling for brewery/winery.
- Safety circuit for low and high refrigerant pressure.
- Available in R410a and R454b refrigerant.
- Simple design. No proprietary components used. All parts can be procured by any HVAC professional.
- Inlet mesh strainer included.
- Insulation on internal piping and reservoir.
- Available in 3 configurations:

**Style A:** No pump(s) or reservoir. Flow supplied from customer's pump/process.

**Style B:** Single pump supplied internal in chiller. No reservoir. Suitable for pressurized loop (comfort cooling) or to draw from customer reservoir (industrial cooling)

**Style C:** Packaged chiller with internal reservoir and dual pumps. Circulation pump draws from internal tank and returns chilled fluid back to tank. The process pump draws from tank and pumps out to process.

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**kig**

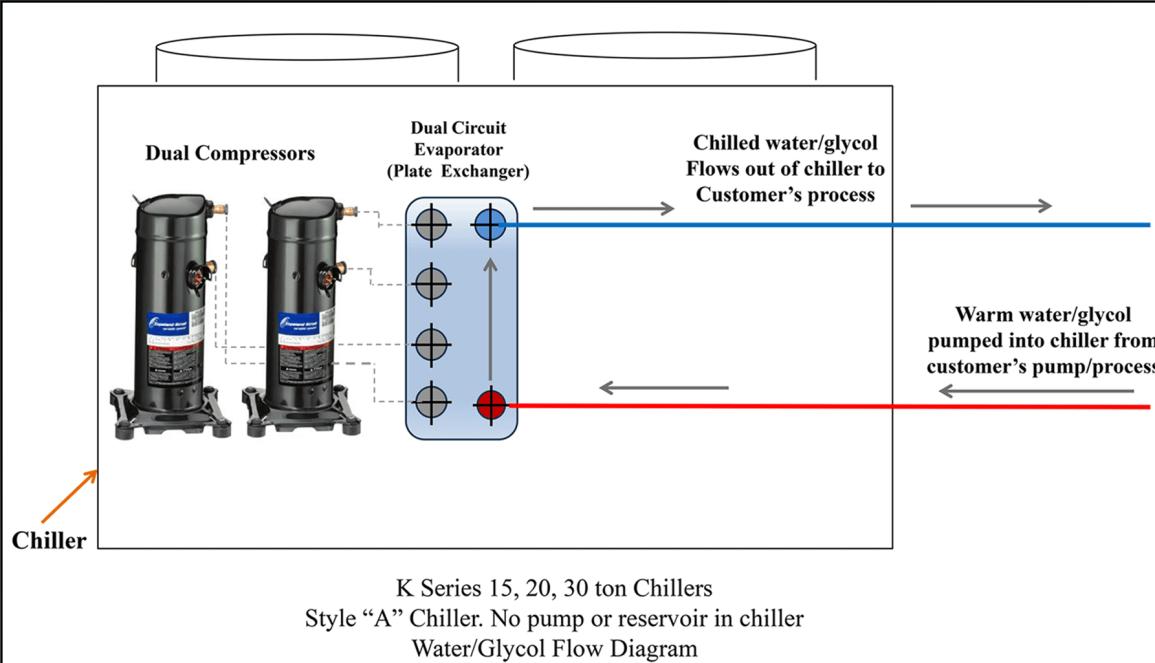
Keith Industrial Group, Inc.

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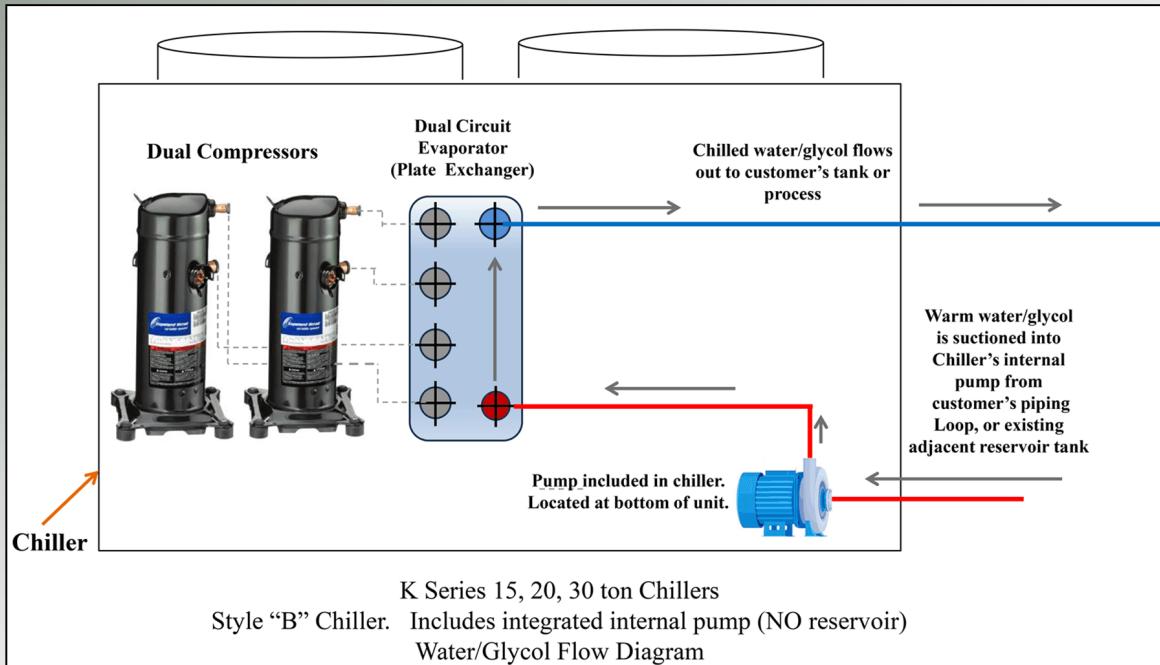
## (No reservoir and no tank)

Model No	Capacity (Tons)	BTU/HR	Refrigerant	Dimensions (LxWxH) (Inch)	Weight (IBS)	MNPT (inlet and Outlet)	Voltage		FLA (Full Load Amps)	Max Fuse (MOPD)
K-15A	15	1,66,000	R-410A R-454B	89x49.5x64	1450	1½"	208/230 460	3ph 3ph	80.4 40.1	100 50
K-20A	20	2,19,000	R-410A R-454B	89x49.5x64	1450	1½"	208/230 460	3ph 3ph	88.9 47.3	120 65
K-30A	30	3,60,000	R-410A R-454B	89x49.5x64	1600	2"	208/230 460	3ph 3ph	130 65	230 110



## Style B (No reservoir, one internal pump included)

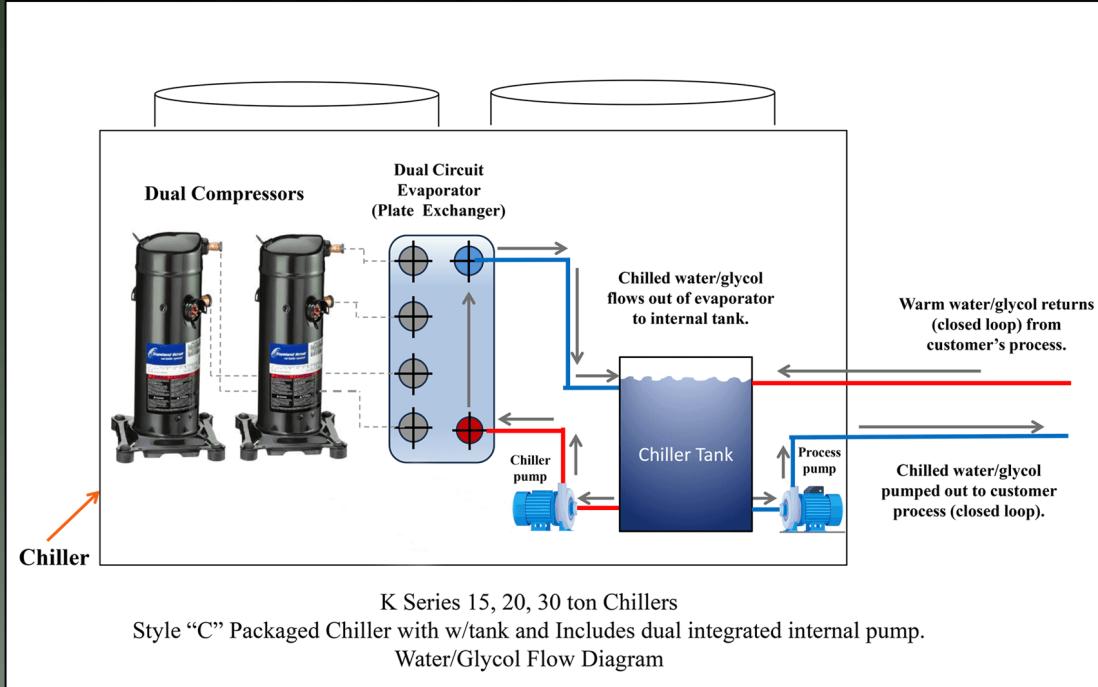
Model No	Capacity (Tons)	BTU/HR	Refrigerant	Pump (HP)	Dimensions (LxWxH) (Inch)	Weight (IBS)	MNPT (inlet and Outlet)	Voltage		FLA (Full Load Amps)	Max Fuse (MOPD)
K-15B	15	1,80,000	R-410A R-454B	2 HP	89x49.5x64	1500	1½"	208/230 460	3ph 3ph	88.44 44.1	110 55
K-20B	20	2,19,000	R-410A R-454B	3 HP	89x49.5x64	1500	1½"	208/230 460	3ph 3ph	97.79 52.03	130 70
K-30B	30	3,60,000	R-410A R-454B	5 HP	89x49.5x64	1500	2"	208/230 460	3ph 3ph	138 73	290 130



## Style C

(Reservoir and dual internal pumps included)

Model No	Capacity (Tons)	Reservoir (Gallon)	BTU/HR	Refrigerant	Circulation Pump (HP)	Process Pump (HP)	Dimensions (LxWxH) (Inch)	Weight (IBS)	MNPT (inlet and Outlet)	Voltage		FLA (Full Load Amps)	Max Fuse (MOPD)
K-15C	15	100	1,66,000	R-410A R-454B	1 HP	2 HP	89x49.5x64	1642	1½"	208/230 460	3ph 3ph	89.1 44.6	110 55
K-20C	20	100	2,19,000	R-410A R-454B	1 HP	2 HP	89x49.5x64	1642	1½"	208/230 460	3ph 3ph	103.6 51.9	130 70
K-30C	30	150	3,60,000	R-410A R-454B	3 HP	5 HP	89x49.5x64	1900	2"	208/230 460	3ph 3ph	145 80	290 130



### About us:

Keith Industrial Group, Inc. (KIG) specializes in industrial and commercial chiller solutions, providing new systems built to specification.



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