

EA & EO SERIES | OPTIONS

FIELD-INSTALLED OPTIONS

Accessory code	Description	Available on			
		EA Plus	PowerSteam™	LWE	EO/Boilerless
CORDPLG 3PAN1P	6' Cord and plug set rated to 45 Amps, 208-240V, 1 Phase ; cable 8/3 90C UL*; angled plug HBL9462C NEMA 14-60P	C24EA3 PLUS	C24EA3 PS	C24EA3 LWE	C24EO3
CORDPLG 3PAN3P	6' Cord and plug set rated to 40 Amps, 208-240V, 3 Phase ; cable 8/4 90C UL*; angled plug HBL8462C NEMA 15-60P	C24EA3 PLUS	C24EA3 PS	C24EA3 LWE	C24EO3
CORDPLG 5PAN3P	6' Cord and plug set rated to 55 Amps, 208-240V, 3 Phase ; cable 6/4 90C UL*; angled plug HBL8462C NEMA 15-60P	C24EA3 PLUS	C24EA3 PS	C24EA3 LWE	C24EO5
		C24EA5 PLUS	C24EA5 PS	C24EA5 LWE	
CORDPLG 5P480	6' Cord and plug set rated to 30 Amps, 480V, 3 Phase ; cable 8/4 90C UL*; straight plug HBL2731 NEMA L16-30P	C24EA5 PLUS	C24EA5 PS	C24EA5 LWE	C24EO5

*UL classification (SOW, SOOW, SEO and SEOW)

FACTORY-INSTALLED OPTIONS

Option	Available on			
	EA Plus	PowerSteam™	LWE	EO/Boilerless
Electrical Options				
480V, 60 Hz, 3 Phase	C24EA3 PLUS C24EA5 PLUS	C24EA3 PS C24EA5 PS	N/A	C24EO5/12kW
380V, 3 Phase	C24EA3 PLUS C24EA5 PLUS	C24EA3 PS C24EA5 PS	C24EA3 LWE C24EA5 LWE	C24EO5
415V, 3 Phase	C24EA3 PLUS C24EA5 PLUS	C24EA3 PS C24EA5 PS	C24EA3 LWE C24EA5 LWE	C24EO5
440V, 3 Phase	C24EA3 PLUS C24EA5 PLUS	C24EA3 PS C24EA5 PS	C24EA3 LWE C24EA5 LWE	C24EO5
Security Package				
C24CT-PPS				
Security screws, tack welds & controls protected by lockable cover (lock by others)	C24EA3 PLUS C24EA5 PLUS	C24EA3 PS C24EA5 PS	C24EA3 LWE C24EA5 LWE	C24EO3 C24EO5

K SERIES - TILTING COUNTER & FLOOR | OPTIONS & ACCESSORIES

FIELD-INSTALLED ACCESSORIES

TILTING KETTLE STRAINERS Strainer for tilting kettles  STRAINR K6 <i>K6ETT</i> STRAINR K12 <i>K12ETT</i> STRAINR K20 <i>K20ETT</i>	STANDS Stainless steel stand with flanged feet for electric kettle with sliding drain pan  STAND VSKT30 <i>K6ETT, K12ETT</i> Economy stand for electric kettle without sliding drain pan  STAND VSKTEC <i>K6ETT, K12ETT</i>	COVERS Stainless steel lift-off cover with lid hanger  COVER K6 <i>K6ETT</i> COVER K12 <i>K12ETT</i> COVER K20 <i>K20ETT</i>
--	--	--

Accessory Code	Description	Available on
CORDPLG 3PAN1P	 6' Cord and plug set rated to 45 Amps, 208-240V, 1 Phase ; cable 8/3 90C UL*; angled plug HBL9462C NEMA 14-60P	K6ETT
CORDPLG 3PAN3P	 6' Cord and plug set rated to 40 Amps, 208-240V, 3 Phase ; cable 8/4 90C UL*; angled plug HBL8462C NEMA 15-60P	K6ETT
CORDPLG 5PAN3P	 6' Cord and plug set rated to 55 Amps, 208-240V, 3 Phase ; cable 6/4 90C UL*; angled plug HBL8462C NEMA 15-60P	K12ETT K20ETT
CORDPLG 5P480	 6' Cord and plug set rated to 30 Amps, 480V, 3 Phase ; cable 8/4 90C UL*; straight plug HBL2731 NEMA L16-30P	K6ETT K12ETT, K20ETT

*UL classification (SOW, SOOW, SEO and SEOW).

FACTORY-INSTALLED OPTIONS

Code	Security Option:	Available on
KETT-PPS	Security fasteners and tack welds with controls protected by lockable cover (lock by others)	K6ETT, K12ETT, K20ETT
	Electric Options:	
	480V, 60 Hz, 3 Phase	K6ETT(7.5 kW), K12ETT(12 kW), K20ETT(12 kW)
	380V, 3 Phase	K6ETT, K12ETT, K20ETT
	415V, 3 Phase	K6ETT, K12ETT, K20ETT
	440V, 3 Phase	K6ETT, K12ETT, K20ETT

ELECTRICAL / PLUG INFORMATION

Accessory Code	Application	Cable-SOOW, 90°C GA/#	Plug PN	Plug Configuration
CORDPLG 3PAN1P	45A, 208-240V, 1 Phase, right angle plug	8/3	HBL9462C	
CORDPLG 3PAN3P	40A, 208-240V, 3 Phase, right angle plug	8/4	HBL8462C	
CORDPLG 5PAN3P	55A, 208-240V, 3 Phase, right angle plug	6/4	HBL8462C	
CORDPLG 5P480	30A, 480V, 3 Phase, straight plug	8/4	HBL2731	

BHP CONVERSION & STEAM FLOW INFORMATION

BHP Conversion	1 BHP = Approximately 33,475 BTU*	1 BHP = Approximately 10 kW
Example:	$\frac{200,000}{33,475 \text{ BTU}} \times \text{Boiler Efficiency} = \text{Delivered BHP}$	*Delivered BHP is a function of kW/BTU input and operating efficiency.

Steam Flow Requirements for Direct Kettles

Capacity	Fast Boil (30 minutes) lbs/hr	Medium Boil (45 minutes) lbs/hr	Stock Boil (60 minutes) lbs/hr
20-Gallon	48	32	24
40-Gallon	96	64	48
60-Gallon	143	96	72
80-Gallon	191	127	96
Capacity	Fast Boil (40 minutes) lbs/hr	Medium Boil (50 minutes) lbs/hr	Stock Boil (65 minutes) lbs/hr
100-Gallon	179	143	110
125-Gallon	224	179	138
150-Gallon	269	215	165

NOTE: Steam flow rate at 10 psig at the kettle.
1 boiler horsepower = 34.5 lbs of steam per hour.
Heat-up time to bring 70°F water to boiling (212°F) at sea level.

Maximum Flow Rate of Dry Steam in Pounds per Hour

Supply Pressure	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
5 psig	20	40	70	140	210	380
10 psig	30	60	110	220	320	600
15 psig	40	80	150	290	430	N/A
20 psig	50	100	180	360	530	N/A
25 psig	60	120	220	430	N/A	N/A
30 psig	70	140	250	500	N/A	N/A
35 psig	80	160	290	570	N/A	N/A
50 psig	100	210	380	760	N/A	N/A

NOTE: Based on 100' of clean iron pipe. Steam loss due to elbows, reductions, heat loss or condensing steam was not considered.