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ScrewPac™ Compressor Units

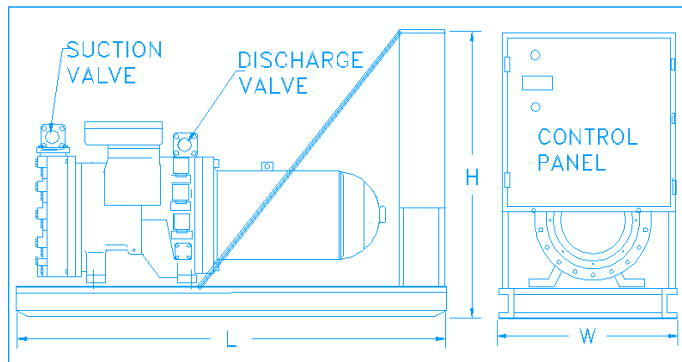
Model CRU Screw Compressor Units, 50 through 300 Tons

Standard Unit Specifications

Continental's ScrewPac™ Compressor Units, models CRU, are packaged systems with state-of-the-art twin-rotor screw compressors and ETL listed NEMA 1 industrial control panel, all mounted on a common steel skid for indoor use. The steel skid has four mounting holes and four lifting eyes for lifting and rigging. Optional NEMA 3R/12, 4 and 4X control panels are available.

Twin Rotor Screw Compressor

Industrial quality twin rotor screw compressor has a built-in oil management system and is directly driven by a 2-pole, 3500 rpm suction gas cooled oversized motor with solid-state overload protector. The rotors are made of precision ductile cast iron housed in reinforced double walled cast iron casing. Capacity control is infinitely variable and is achieved by modulating slide valve control in response to load demand. As an alternate, step capacity control (100/75/50/25) is also available. Compressor crankcase has oil, sight glass, lifetime pleated oil filter, oil heater, built-in suction strainer, internal relief valve, suction and discharge service valves and discharge check valve.



Control Center

Voltage Codes: **E**=208-230/3/60, **F**=460/3/60, **G**=575/3/60

NEMA 1, ETL listed to UL 508A, control center includes:

- single point electrical
- compressor-motor part-wind start
- crankcase oil heater/oil temp sensor
- high pressure/low pressure cutout
- fault/reset switch
- compressor-motor PTC sensor
- capacity control solenoid valve w/120 V coil
- two position system off/on switch
- anti-recycle timer
- thermal overload
- control for motor protector & discharge temp

Model	Comp HP	Performance/ Tons @ °F		208-230/3/60 Range 187-254			460/3/60 Range 414 -529			575/3/60, Range 518 -661			Dimensions			Ship Weight
		45/130	35/105	RLA	PW LRA	MCC	RLA	PW LRA	MCC	RLA	PW LRA	MCC	L"	W"	H"	
CRU-50	50	41.8	41.5	115.7	498	162	57.9	218	81	58	174	65	56	30	28	1000
CRU-60	60	53.3	52.1	164.3	616	230	82.1	269	115	85	215	92	56	30	28	1000
CRU-70	70	60.4	60.8	200	607	280	95.7	290	134	96	260	107	66	30	30	1500
CRU-80	80	71.1	70.3	209.3	732	293	100	350	140	101	279	112	66	30	30	1600
CRU-90	90	82.7	80.8	243.6	885	341	116.4	423	163	116	358	130	66	30	30	1700
CRU-110	110	100	100.4	284.3	1375	398	178	619	199	142	494	159	72	35	42	2300
CRU-120	120	116	114.5	317.1	1577	444	198	729	222	159	583	178	72	35	42	2350
CRU-140	140	135	132.3	359.3	1773	503	224	788	251	179	635	201	72	35	42	2400
CRU-180	180	171	172	N/A			321	515	N/A	256	412	N/A	90	35	42	3300
CRU-210	210	200	198.5	N/A			385	584	N/A	308	467	N/A	90	35	42	3500
CRU-240	240	234	228.4	N/A			420	667	N/A	336	534	N/A	90	35	42	3600
CRU-280	280	263	254	N/A			450	805	N/A	360	644	N/A	90	35	42	4000
CRU-300	300	298	286	N/A			450	805	N/A	360	644	N/A	90	35	42	4050