CELSEON R-290 IDCU

1/10TH TO 1 HP FRACTIONAL INDOOR CONDENSING UNIT

WIDE VARIETY OF APPLICATIONS

Food service, food retail and ice merchandisers.

FOUR CHASSIS SIZES

FROM 9.3" to 11.2" IN HEIGHT

Smaller with improved packaging and construction quality.

HIGH EFFICIENCY

Optimized for R-290 refrigerant.

LEADING COMPRESSOR TECHNOLOGY

Integrates our newly launched light commercial compressors.

EVAPORATIVE BASE OPTION AVAILABLE

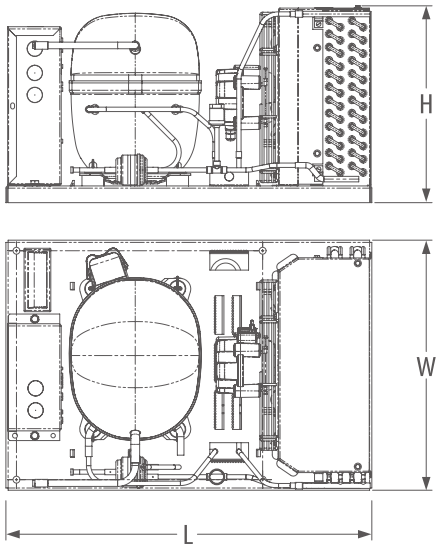
Eliminates need for drain with minimal part changes and same SKU

TECUMSEHMARKETING@TECUMSEH.COM

CELSEON DIMENSIONS

NEXT GENERATION PLATFORM

DIMENSIONS inches			
CHASSIS	H	W	L
0	9.3	11.6	15.2
1	10.3	11.7	18.8
1.5 (AE)	11.2	14.2	20.0
1.5 (AK2)	11.2	14.2	20.8



RANGE & PERFORMANCE

R-290 CELSEON PERFORMANCE

CHASSIS	CU MODEL	COMPRESSOR MODEL	HP	CAPACITY [BTU/H] AT 90°F AMBIENT - 60HZ EVAPORATOR TEMPERATURE (°F)											POWER [W] AT EVAP. TEMP. -10°F
				-30	-25	-20	-15	-10	-5	0	5	10	15	20	
0	CL*AW330U-AA***1	TCW330U-DS8B	1/10	181	218	256	300	**344**	389	443	501	563	634	709	72
	CL*AW350U-AA***1	TCW350U-DS6B	1/8	310	351	399	457	**518**	587	662	743	825	907	992	99
	CL*AW380U-AA***1	TCW380U-DS6B	1/6	426	488	559	638	**726**	812	907	1006	1115	1228	1340	150
	CL*AW380U-GS***1	TCW380U-GS8A	1/6	426	488	559	638	**726**	812	907	1006	1115	1228	1340	150
	CL*AW410U-AA***1	TCW410U-DS6B	1/4	607	699	801	904	**1013**	1122	1245	1374	1507	1650	1794	195
	CL*AW410U-GS***1	TCW410U-GS8E	1/4	607	699	801	904	**1013**	1122	1245	1374	1507	1650	1794	195
	CL*AX413U-AA***1	TCX413U-DS1B	1/3	805	914	1040	1176	**1320**	1473	1637	1811	1995	2186	2373	238
	CL*AW413U-GS***1	TCW413U-GS8E	1/3	822	931	1047	1170	**1303**	1439	1586	1746	1920	2101	2285	239
	CL*AX415U-AA***1	TCX415U-DS1B	1/3	893	1006	1132	1265	**1415**	1565	1736	1910	2097	2292	2486	270
	CL*AX415U-GS***1	TCX415U-GS8B	1/3	934	1057	1187	1323	**1470**	1620	1783	1957	2141	2336	2530	276
1	CL*BX417U-AA***1	AEX417U-DS1B	1/3	907	1040	1183	1337	**1500**	1667	1852	2049	2257	2472	2690	308
	CL*BX419U-AA***1	AEX419U-DS1B	1/2	1061	1204	1361	1531	**1712**	1896	2094	2309	2527	2759	2991	352
	CL*BX424U-AA***1	AEX424U-DS3C	1/2	1395	1558	1746	1951	**2169**	2394	2636	2892	3164	3437	3707	458
	CL*BX428U-AA***1	AEX428U-DS3C	1/2	1436	1627	1838	2060	**2298**	2537	2793	3066	3345	3628	3904	490
	CL*BX433U-AA***1	AEX433U-AA3C	3/4	1702	1910	2138	2370	**2615**	2861	3134	3417	3713	4027	4338	570
1.5	CL*CX417U-AA***1	AEX417U-DS1B	1/3	907	1043	1197	1364	**1535**	1708	1903	2111	2332	2564	2800	309
	CL*CX419U-AA***1	AEX419U-DS1B	1/2	1067	1221	1395	1572	**1760**	1954	2169	2397	2636	2888	3141	351
	CL*CX424U-AA***1	AEX424U-DS3C	1/2	1425	1599	1794	2008	**2240**	2482	2745	3025	3321	3625	3928	455
	CL*CX428U-AA***1	AEX428U-DS3C	1/2	1473	1674	1896	2138	**2394**	2653	2936	3236	3546	3867	4184	487
	CL*CX433U-AA***1	AEX433U-AA3C	3/4	1719	1940	2172	2418	**2673**	2929	3219	3519	3833	4164	4498	566
	CL*C2447U-AA***1	AK2447U-AA3C	1	2172	2523	2946	3430	**3959**	4511	5125	5780	6465	—	—	883

TEST CONDITION
Return Gas 40°F for 20°F and Below Evaporator and 65°F above 20°F Evaporator / Subcooling 5°F
Power consumption referred at 90°F ambient temperature
All information contained in this document is subjected to change without previous notice.

NOMENCLATURE

EXAMPLE: CLSAW413UDS7ES1

CU FAMILY	BASE TYPE	BASE TYPE	APPLICATION	NOMINAL CAPACITY	REFRIGERANT	POWER SUPPLY	CONDENSER COIL	FAN MOTOR	FACTORY INSTALLED OPTIONS	GENERATION	IF CUSTOM	OPTIONS
CL	S	A	W	413	U	DS	7	E	S	1	–	P
CL	**S** = Standard **E** = Evaporative	**A** = Chassis 0 **B** = Chassis 1 **C** = Chassis 1.5 **D** = Chassis 2	**1** = LBP LST **2** = LBP HST **W** = L/MBP LST **X** = L/MBP HST	First number is total digits. Remainder is capacity in Btu/h.	**U** = R-290	**AA/LS** = 115V/60Hz **DS** = 115-127V/60Hz **GS** = 220V/50-60Hz **NA** = 208-230V/60Hz **XA** = 115V/60Hz **XN** = 208-230V/60Hz 200-220V/50Hz	**7** = 7mm **5** = 5 mm	**E** = EC Fan Motor **P** = Shaded Pole	**S** = Sweat Connections **P** = Sweat Connections, Filter Drier **G** = Sweat Connections and Service Valves **C** = Custom	1 (st)		**P** = Power Cord **F** = Filter Drier