CELLARTEMP

BEER & WINE CELLAR TEMPERATURE CONTROL

Product description:

The Cellartemp system offers a flexible packaged solution to beer and wine cellar temperature control, using a pumpdown cycle to reduce installation time and materials – without compromising on equipment.

Product features:

▶ Matched outdoor unit and indoor cellar cooler ensures correct balance of equipment for various cellar sizes.

▶ Cellar unit provides heating in addition to cooling, and requires only a 13 amp single-phase supply.

▶ Temperature control is by a digital electronic thermostat built into the cellar unit, with anti-tamper protection plus high and low temperature alarms.

▶ By using a pumpdown system, no electrical connection is required between the outdoor unit and the cellar unit.

▶ All controls are built in; no separate control panel is required. As a result on-site costs are kept to a minimum.

▶ Pre-wired and ready to install.

▶ Includes condenser fan speed control for all systems, Blue fin protection to condenser coil, all necessary contactors and fitted electrical isolator.

▶ Cellartemp also offers a choice of housed condensing units and coolers for use with R134A.

▶ Units are supplied with an OFN holding charge.

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Cellartemp

Model range

Model	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)	No. of fans	Airthrow (m)	Supply (amps)	Heater (kW)
CTP16-60	715	420	375	22	1	14	13	2.0
CTP16-70	715	420	375	24	1	14	13	2.0
CTP16-90	715	420	375	29	1	13	13	2.0
CTP26-125	1,150	420	375	36	2	15	13	2.5
CTP26-170	1,150	420	375	38	2	15	13	2.5
CTP36-200	1,585	420	375	46	3	16	13	2.5
CTP36-250	1,585	420	375	48	3	16	13	2.5

All CTP cooler are supplied with refrigerant specific expansion valves.
All units are single-phase and include the following as standard: pump down liquid line solenoid valve, electronic digital controller for heating and cooling (deg F indication), thermostatic expansion valve and electric space heater. Drain connection is 1″ BSP on all cellar units.

KD Low noise condensing units

Product features:

- Liquid line drier/sight glass
- Crankcase heater
- Compressor contactor
- Suction and liquid line shut off valves
- Blue fin condenser protection
- Dual HP/LP switch
- Electrical isolator
- Liquid receiver
- Fan speed controller

Model range

Model	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)	No. of fans	Refrigerant	FLA	LRA
PAD008M1	791	655	343	55	1	R449A	3.85	18.4
PAD010M1	791	655	343	56	1	R449A	5.74	23.5
PAD012M1	881	705	373	68	1	R449A	7.71	34.6
1PAL015M1	951	811	373	72	1	R449A	7.7	35
1PAL020M1	1,000	815	400	91	1	R449A	11.9	58
1PAL025M1	1,000	815	400	91	1	R449A	13.1	61
1PAL030M1	1,000	865	400	97	1	R449A	13.8	82
1PAL036M1	1,000	865	400	100	1	R449A	16.0	97
1PAL040M3	1,000	865	400	104	1	R449A	7.1	50

Units shown are all 230/1/50Hz single-phase supply with the exception of the 1PAL040M3, which is three-phase 400/3/50Hz supply.

Above ground M3	Below ground M3	Duty (W)	Outdoor stock code	Outdoor model	Indoor stock code	Indoor model	Line size* Liquid	Line size* Suction
14	21	1,900	KDU031	PAD008M1	SPE116	CTP16-60	3/8″	1/2″
21	28	2,250	KDU036	PAD010M1	SPE126	CTP16-70	3/8″	1/2″
28	42	3,250	KDU041	PAD012M1	SPE136	CTP16-90	3/8″	5/8″
42	51	3,500	KDS096	1PAL015M1	SPE136	CTP16-90	3/8″	5/8″
54	57	3,750	KDS096	1PAL015M1	SPE146	CTP26-125	3/8″	5/8″
79	85	5,325	KDS101	1PAL020M1	SPE156	CTP26-170	3/8″	3/4″
85	125	5,800	KDS106	1PAL025M1	SPE156	CTP26-170	3/8″	3/4″
129	148	7,550	KDS111	1PAL030M1	SPE166	CTP36-200	1/2″	3/4″
170	175	8,500	KDS124	1PAL036M1	SPE176	CTP36-250	1/2″	7/8″
226	245	9,780	KDS136	1PAL040M3	SPE176	CTP36-250	1/2″	7/8″

*Based on a 15 m pipe run

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