Premium Cellar Conditioning

For performance and energy-efficiency

- Housed in weatherproofed housings for maximum outdoor durability
- Matched to an indoor evaporator operating R407C Refrigerant
- Ideally suited for both new and replacement cellar installations
- Designed for all year round temperature control the Premium system offers cooling and heating as standard
- Twin evaporator option available
- Fast-access split panels for easy maintenance and minimising health and safety risks
- Condensing unit can be ground or flat roof mounted or wall mounted using Hubbard 'Premium' brackets
- Evaporator can be either wall or roof mounted and contains a tamper proof electronic digital read out controller

Premium evaporator

Premium condensing unit

Capacity data at 20°C suction return temperature, 32°C ambient for a 10°C above ground cellar.
Cellar volume is derived from the duty calculated from an above ground cellar of "average" construction with no insulation at the stated ambient temperature. This is with a product load of 45 litres of beer per 2.8 cubic meters of cellar volume from 18°C to 10°C in 36 hours. These figures are for guidance only and we recommend a Heat Load Calculation be completed to ensure correct selection, especially where internal heat loads are present i.e. ice machines, line coolers, dispense equipment, heating ducts/pipes etc. ** Please note that the refrigerant charges stated are for guidance only. Charge to a full sight glass.*

Premium Brewery Conditioning Systems				**Premium 100-1P**	**Premium 150-1P**	**Premium 200-1P**	**Premium 200-1PT**	**Premium 200-3P**	**Premium 200-3PT**	**Premium 250-1P**	**Premium 250-1PT**	**Premium 250-3P**	**Premium 250-3PT**	**Premium 350-3P**	**Premium 350-3PT**	**Premium 450-3P**	**Premium 450-3PT**
Refrigerant Capacity	High Temp	R407C	Max kW	3.7	4.55	5.85	6.1	5.85	6.1	7.1	7.2	7.1	7.2	8.4	8.4	10.6	10.6
Recomm. Room Volume	High Temp		m^3	41	53	73	77	73	77	91	92	9.1	9.1	110	110	140	140
Power Input	Max		w	1390	1620	1990	2165	1940	2115	2445	2620	2385	2560	2890	2890	3360	3360
Premium Sound Levels			db(A)	44	44	49	49	49	49	46	46	46	46	47	47	47	47
Dimensions	Condensing Unit	H x W x D	mm	Size 1	Size1	Size 1	Size 1	Size 1	Size 1	Size 2	Size 2	Size 2	Size 2	Size 2	Size 2	Size 2	Size 2
	Evaporating Unit	H x W x D	mm	Size 1	Size 1	Size 1	Size 1 x 2	Size 1	Size 1 x 2	Size 1	Size 1 x 2	Size 1	Size 1 x 2	Size 2	Size 1 x 2	Size 2	Size 1 x 2
Weight	Condensing Unit		kg	82.5	87.5	98	98	98	98	128	128	128	128	129	129	131	131
	Evaporating Unit		kg	26.5	27	32	26.5 x 2	32	26.5 x 2	35	26.5 x 2	35	26.5 x 2	44	27 x 2	51	32 x 2
Compressor	Type	Scroll		ZR18 PFJ	ZR22 PFJ	ZR28 PFJ		ZR28 TFD		ZR34 PFJ		ZR34 FTD		ZR40 TFD		ZR48 TFD	
	Scroll Displacement		m^3/h	4.39	5.34	6.83	6.83	6.83	6.83	8.03	8.03	8.03	8.03	9.43	9.43	11.4	11.4
Defrost				Off cycle													
Evaporator	Air Flow Rate		m^3/h	2700	2600	2400	2700 x 2	2400	2650 x 2	2400	2650 x 2	2400	2650 x 2	5200	2600 x 2	4800	2400 x 2
	Air Throw		m^3/h	20	19.5	18	20 x 2	18	20 x 2	18	20 x 2	18	20 x 2	23	20 x 2	22	18 x 2
Refrigerant	Type			R407C													
	GWP			1744													
Power Supply	Phase/Hz/V			1p/50Hz/ 230v	1p/50Hz/ 230v	1p/50Hz/ 230v	1p/50Hz/ 230v	3p/50Hz/ 400v	3p/50Hz/ 400v	1p/50Hz/ 230v	1p/50Hz/ 230v	3p/50Hz/ 400v	3p/50Hz/ 400v	3p/50Hz/ 400v	3p/50Hz/ 400v	3p/50Hz/ 400v	3p/50Hz/ 400v

Optional Extras		Part No:
Air Transfer Unit		A8878-01
Economate		A8182-01
Fan Speed Controller		A9861-01
Evaporator Wall Mounting Bracket		A7458-01
Condenser Wall Mounted Brackets (Pair)	Models 100/150/200	A7457-01
	Models 250/350/240	A7457-02

Security Cage	Part No:
Cage - All Models	A901593
Back Panel	903172
Base Panel	903173
Acoustic Kit	
Models 100/150/200	C7550-36
Models 250/350/450	C7550-39

Component Dimensions	Size 1			Size 2		
	Width	Depth	Height	Width	Depth	Height
Condensing Unit	1050mm	350mm	695mm	1050mm	350mm	1105mm
Evaporator	865mm	461mm	487mm	1420mm	461mm	487mm

HUBBARD
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