

WHS E XE

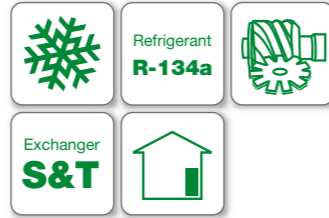
WATER COOLED CHILLER WITH SCREW COMPRESSORS

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Cooling capacity: 362 kW ÷ 1134 kW



TECHNICAL DATA WHS E XE ST - cooling only

WHS E XE ST		096.1	112.1	131.1	153.1	182.2	200.2	222.2	240.2	251.2	281.2	292.2
Cooling Capacity ¹	kW	362	433	506	573	720	795	866	933	976	1038	1134
Unit power input ¹	kW	71,0	85,4	100	121	141	156	170	185	199	219	240
EER	--	5,10	5,07	5,06	4,75	5,09	5,10	5,08	5,05	4,90	4,73	4,73
ESEER	--	5,34	5,27	5,22	5,11	6,13	6,31	6,01	6,14	5,90	6,05	5,67
Sound Pressure ¹	dB(A)	75,2	76,2	78,2	78,2	77,8	78,2	79,8	80,7	80,7	80,7	80,7
Compressor	Type	McQuay Single Screw										
Quantity	No.	1	1	1	1	2	2	2	2	2	2	2
Minimum capacity	%	25	25	25	25	12,5	12,5	12,5	12,5	12,5	12,5	12,5
Refrigerant	Type	R-134a										
N. of circuits	No.	1	1	1	1	2	2	2	2	2	2	2
Evaporator	Type	Shell and Tube										
Quantity	No.	1	1	1	1	1	1	1	1	1	1	1
Water volume	l	326	317	308	308	539	539	528	528	528	504	504
Nominal Water pressure drop	kPa	64	48	54	68	48	48	47	50	72	46	52
Water connections size	mm	168,3	168,3	168,3	168,3	219,1	219,1	219,1	219,1	219,1	219,1	219,1
Condenser	Type	Shell and Tube										
Quantity	No.	1	1	1	1	2	2	2	2	2	2	2
Water volume	l	79	94	105	105	539	539	528	528	209	209	209
Nominal Water pressure drop	kPa	48	47	51	66	48	48	47	50	50	65	65
Water connections size	"	5"	5"	5"	5"	5"	5"	5"	5"	5"	5"	5"
Standard voltage	V/ph/Hz	400V / 3ph / 50Hz										

NOTES:

- (1) 12/7°C entering/leaving evaporator water temperature; 30/35°C entering/leaving condenser water temperature
- (2) At 1 m, according to ISO 3744, at free field semispherical conditions

Weight and dimensions		096.1	112.1	131.1	153.1	182.2	200.2	222.2	240.2	251.2	281.2	292.2
Shipping weight	kg	2594	2667	2704	2704	4964	4997	5049	5073	5097	5132	5132
Operating weight	kg	2998	3078	3116	3116	5582	5615	5671	5695	5729	5741	5741
(A) Length	mm	4081	4081	4081	4081	4769	4769	4769	4769	4769	4769	4769
(B) Width	mm	1430	1430	1430	1430	1350	1350	1350	1350	1350	1350	1350
(C) Height	mm	1883	1883	1883	1883	2245	2245	2245	2245	2245	2245	2245

