



HSe300



COMPACT CUBIC UNIT COOLER

PERFORMANCE DATA						
Series - HSe300	Fins Per Inch (Spacing - mm)	Capacity @ SC2 - kW	Capacity @ SC3 - kW	Air Flow - m ³ /hr	Air Throw - m ¹	Face Velocity - m/s
301-1BNX0	6FPI (4.2mm)	1.88	1.39	1,584	12	2.3
301-1CNX0		2.67	1.97	1,548	11	2.3
301-1DNX0		3.17	2.34	1,512	10	2.2
301-1ENX0		3.51	2.59	1,440	9	2.1
302-1BNX0		3.94	2.90	3,204	12	2.3
302-1CNX0		5.34	3.94	3,132	11	2.3
302-1DNX0		6.38	4.70	3,024	10	2.2
302-1ENX0		7.12	5.25	2,916	9	2.1
303-1CNX0		8.00	5.90	4,680	11	2.3
303-1DNX0		9.57	7.05	4,536	10	2.2
303-1ENX0		10.68	7.87	4,356	9	2.1
304-1CNX0		10.67	7.86	6,228	11	2.3
304-1DNX0		12.77	9.41	6,048	10	2.2
304-1ENX0		14.23	10.49	5,832	9	2.1
305-1CNX0		13.46	9.92	7,812	11	2.3
305-1DNX0		16.01	11.80	7,560	10	2.2
305-1ENX0		17.84	13.15	7,272	9	2.2

301-1BWx0	4FPI (6.35mm)	1.62	1.19	1,620	12	2.4
301-1CWx0		2.29	1.69	1,584	11	2.3
301-1DWx0		2.80	2.06	1,548	10	2.3
301-1EWx0		3.20	2.36	1,512	9	2.2
302-1BWx0		3.33	2.45	3,240	12	2.4
302-1CWx0		4.63	3.41	3,168	11	2.3
302-1DWx0		5.66	4.17	3,132	10	2.3
302-1EWx0		6.48	4.78	3,060	9	2.2
303-1CWx0		6.95	5.20	4,752	11	2.3
303-1DWx0		8.49	6.26	4,680	10	2.3
303-1EWx0		9.73	7.17	4,572	9	2.2
304-1CWx0		9.27	6.83	6,336	11	2.3
304-1DWx0		11.41	8.41	6,228	10	2.3
304-1EWx0		12.97	9.56	6,120	9	2.2
305-1CWx0		11.58	8.53	7,920	11	2.3
305-1DWx0		14.26	10.51	7,812	10	2.3
305-1EWx0		16.32	12.03	7,632	9	2.2

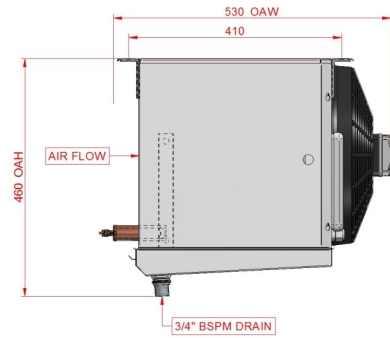
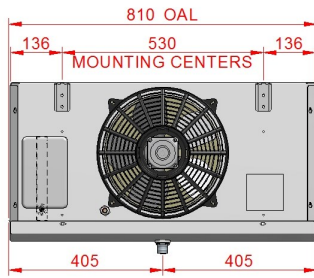
TECHNICAL DATA							
Fans - Qty x Dia - mm	Fan Model - ebm-papst	Coil Internal Volume - lt	Coil Surface Area - m ²	Liquid Connection - Inch ²	Suction Connection - Inch ³	Electric Defrost - kW ⁴	Unit Mass - kg
1x300	M4Q 045 34W 300mm	1.2	5.7	1/2"	1/2"	0.7	16
		1.9	8.6	1/2"	1/2"	0.7	18
		2.5	11.5	1/2"	1/2"	1.5	20
		3.1	14.3	1/2"	7/8"	1.5	21
2x300		2.4	11.5	1/2"	1/2"	1.3	26
		3.5	17.2	1/2"	7/8"	1.3	29
		4.7	22.9	1/2"	1-1/8"	2.7	32
		5.9	28.7	1/2"	1-1/8"	2.7	34
3x300		5.2	25.8	1/2"	1-1/8"	1.9	39
		6.9	34.4	1/2"	1-1/8"	3.9	43
		8.7	43.0	1/2"	1-1/8"	3.9	47
4x300		6.9	34.4	1/2"	1-1/8"	2.7	49
		9.1	45.9	5/8"	1-1/8"	5.4	55
		11.4	57.3	5/8"	1-3/8"	5.4	60
5x300		8.5	43.0	5/8"	1-3/8"	3.3	60
		11.4	57.3	5/8"	1-3/8"	6.6	66
		14.2	71.7	5/8"	1-3/8"	6.6	73

1x300	M4Q 045 34W 300mm	1.2	4.0	1/2"	1/2"	0.7	17
		1.9	5.9	1/2"	1/2"	0.7	18
		2.5	7.9	1/2"	1/2"	0.7	19
		3.1	9.9	1/2"	7/8"	0.7	20
2x300		2.4	7.9	1/2"	1/2"	1.3	26
		3.5	11.9	1/2"	7/8"	1.3	28
		4.7	15.8	1/2"	7/8"	1.3	30
		5.9	19.8	1/2"	1-1/8"	2.7	32
3x300		5.2	17.8	1/2"	1-1/8"	1.9	37
		6.9	23.7	1/2"	1-1/8"	1.9	41
		8.7	29.6	1/2"	1-1/8"	3.9	44
4x300		6.9	23.7	1/2"	1-1/8"	2.7	47
		9.1	31.6	1/2"	1-1/8"	2.7	51
		11.4	39.5	5/8"	1-1/8"	5.4	56
5x300		8.5	29.6	5/8"	1-1/8"	3.3	57
		11.4	39.5	5/8"	1-3/8"	3.3	62
		14.2	49.4	5/8"	1-3/8"	6.6	68

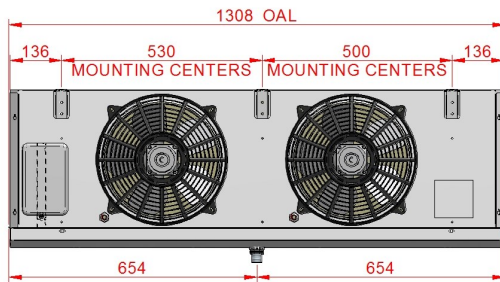


DIMENSIONAL DRAWINGS

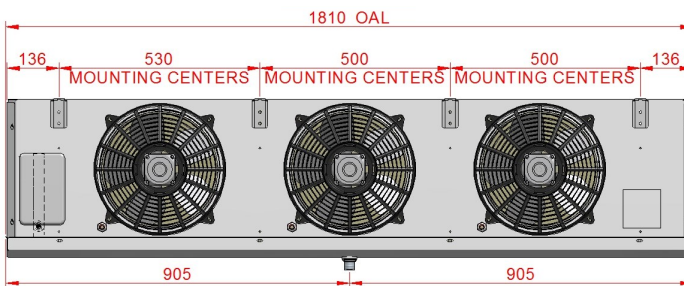
HSe301



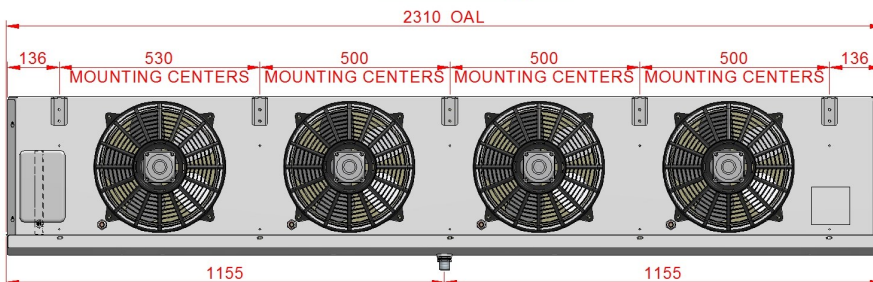
HSe302



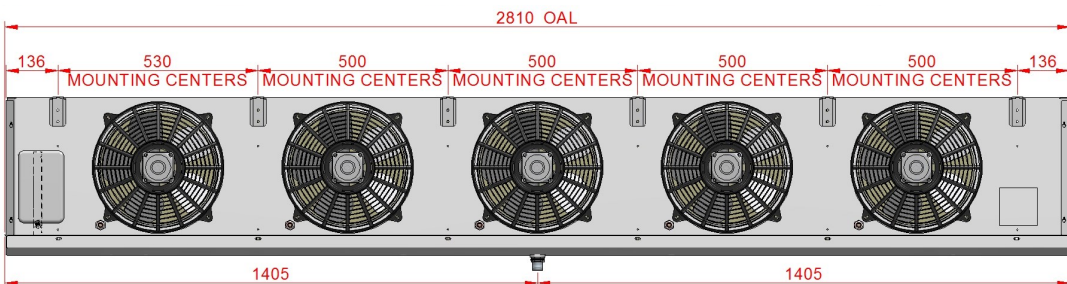
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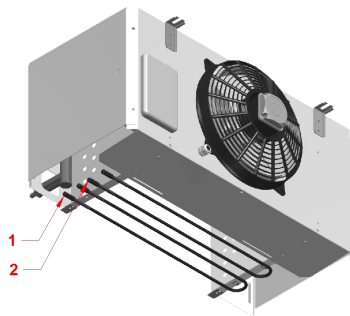
HSe304



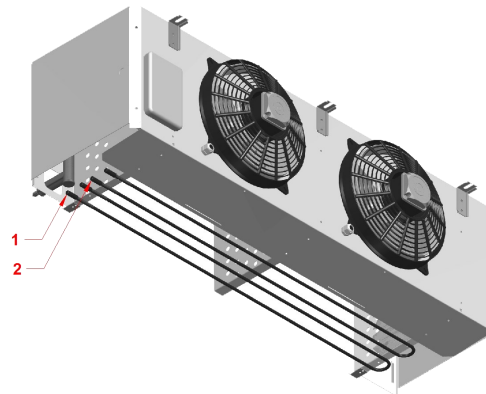
HSe305



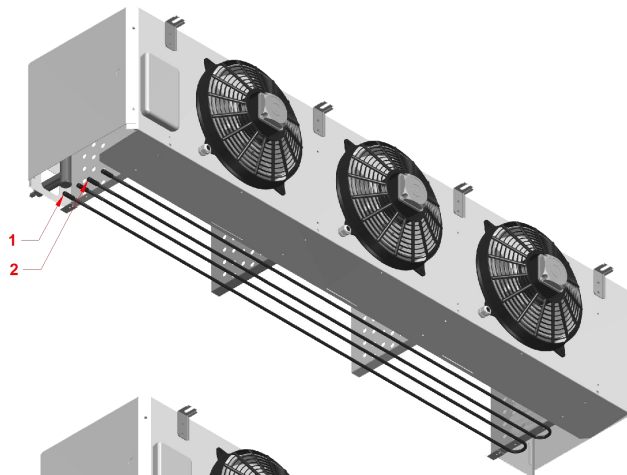
ELEMENT DRAWINGS



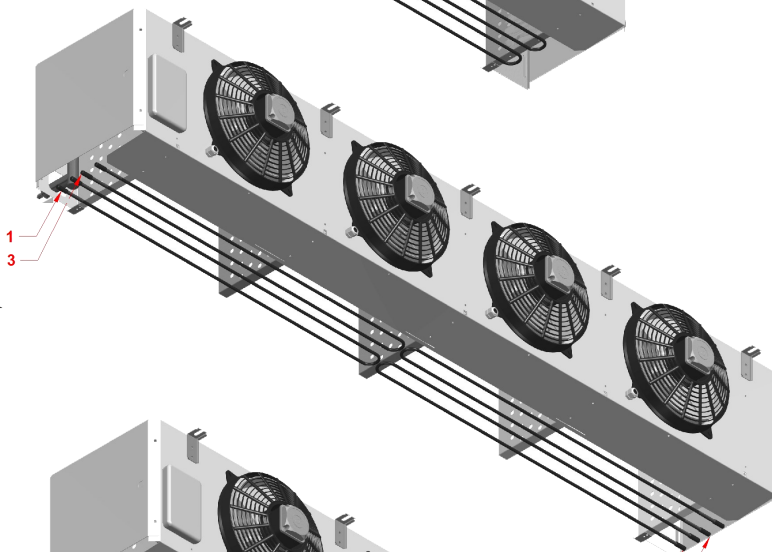
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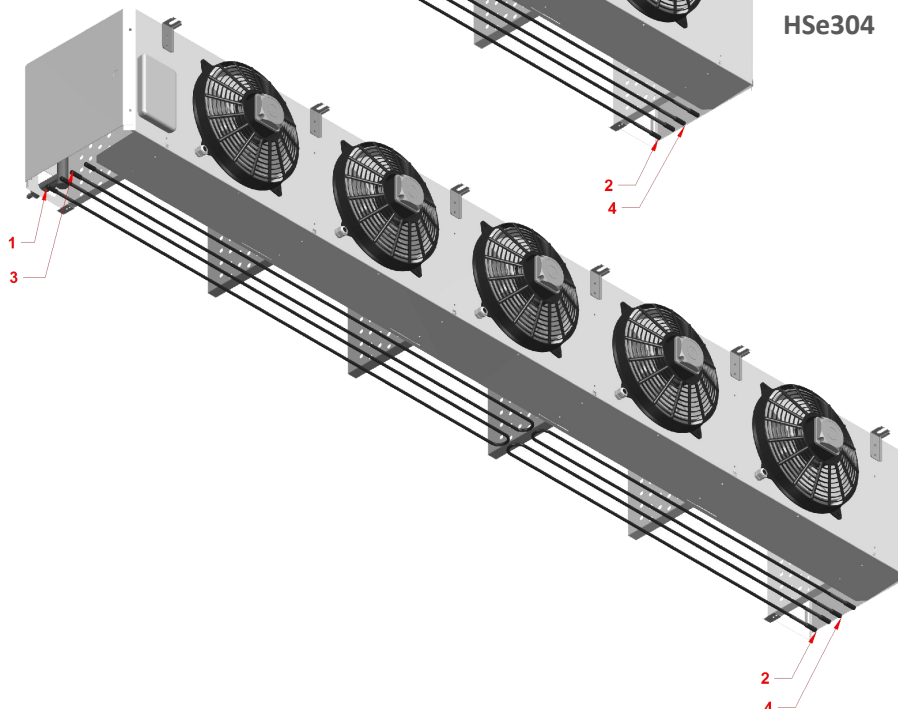
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HSe303



HSe304



HSe305



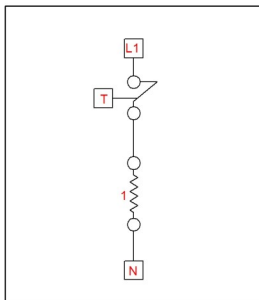
ELECTRICAL SPECIFICATIONS

Defrost Technical & Wiring Data						
Model	Phase	Heater	Watts	Volts	Amps	Klixon
301-1BWE	L1	1	738	230	3.2	14T31(25A)
301-1CWE	L1	1	738	230	3.2	14T31(25A)
301-1DWE	L1	1+2	1476	230	6.4	14T31(25A)
301-1EWE	L1	1+2	1476	230	6.4	14T31(25A)
302-1BWE	L1	1	1338	230	5.8	14T31(25A)
302-1CWE	L1	1	1338	230	5.8	14T31(25A)
302-1DWE	L1	1+2	2676	230	11.6	14T31(25A)
302-1EWE	L1	1+2	2676	230	11.6	14T31(25A)
303-1CWE	L1	1	1938	230	8.4	14T31(25A)
303-1DWE	L1	1+2	3876	230	16.9	14T31(25A)
303-1EWE	L1	1+2	3876	230	16.9	14T31(25A)
304-1CWE	L1	1+2	2676	230	11.6	14T31(25A)
304-1DWE	L1	1+2+3+4	5352	230	23.3	14T31(25A)
304-1EWE	L1	1+2+3+4	5352	230	23.3	14T31(25A)
305-1CWE	L1	1+2	3276	230	14.2	14T31(25A)
305-1DWE	L1	1+2+3+4	6552	230	28.5	14T31(25A)
305-1EWE	L1	1+2+3+4	6552	230	28.5	14T31(25A)

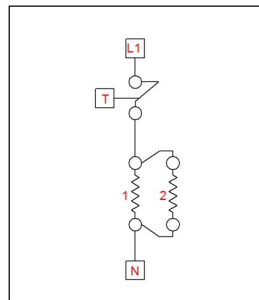
Defrost Technical & Wiring Data						
Model	Phase	Heater	Watts	Volts	Amps	Klixon
301-1BNE	L1	1	738	230	3.2	14T31(25A)
301-1CNE	L1	1+2	1476	230	6.4	14T31(25A)
301-1DNE	L1	1+2	1476	230	6.4	14T31(25A)
301-1ENE	L1	1+2	1476	230	6.4	14T31(25A)
302-1BNE	L1	1	1338	230	5.8	14T31(25A)
302-1CNE	L1	1+2	2676	230	11.6	14T31(25A)
302-1DNE	L1	1+2	2676	230	11.6	14T31(25A)
302-1ENE	L1	1+2	2676	230	11.6	14T31(25A)
303-1CNE	L1	1+2	3876	230	16.9	14T31(25A)
303-1DNE	L1	1+2	3876	230	16.9	14T31(25A)
303-1ENE	L1	1+2	3876	230	16.9	14T31(25A)
304-1CNE	L1	1+2+3+4	5352	230	23.3	14T31(25A)
304-1DNE	L1	1+2+3+4	5352	230	23.3	14T31(25A)
304-1ENE	L1	1+2+3+4	5352	230	23.3	14T31(25A)
305-1CNE	L1	1+2+3+4	6552	230	28.5	14T31(25A)
305-1DNE	L1	1+2+3+4	6552	230	28.5	14T31(25A)
305-1ENE	L1	1+2+3+4	6552	230	28.5	14T31(25A)



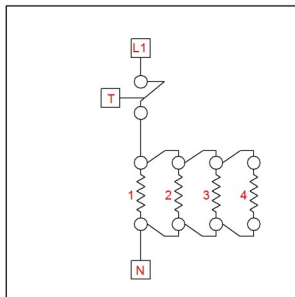
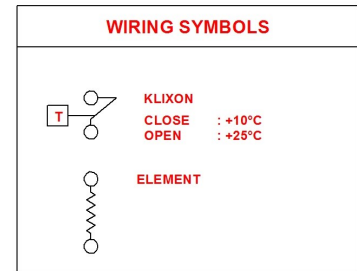
ELECTRICAL SPECIFICATIONS



301-303(2R/3R)



301-305(3R,4R&5R)



304-305(4R/5R)

Fan Technical & Wiring Data					
Standard (AC - 1 Phase)					
EBM 34W Shaded Pole Motor & 300Ø 34° Form 'V' Fan Blade					
Diameter mm	Voltage V	Frequency Hz	RPM	Power W	Amperage A
300	230	50	1300	110	0.75
Optional (AC—1 Phase)					
EBM S4E300 External Rotor Motor					
Diameter mm	Voltage V	Frequency Hz	RPM	Power W	Amperage A
300	230	50	1400	70	0.32
L - BLUE N - BROWN E - GREEN/YELLOW F1 - FAN MOTOR					