

















### Model

Designation	<b>NLV8.0CN</b>	<b>100-240V50/60Hz</b>	<b>Conf. 1</b>	Sales code:	<b>105H7866</b>
Controller	<b>NLV XT MV</b>				<b>105N4866</b>

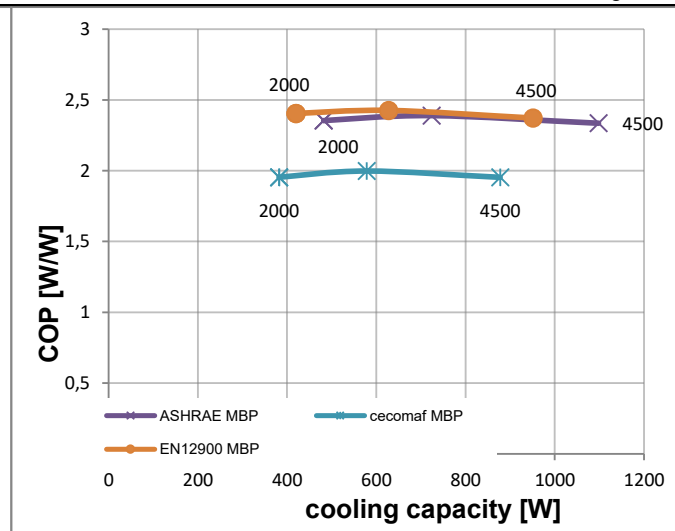
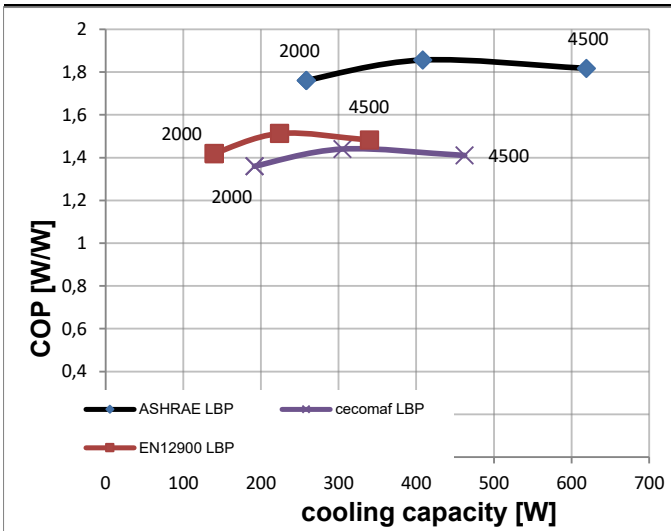
### Optimization + standard conditions

R290, 240V, 50Hz, Rpm\_N 4500, Fan cooling 3m/s

	Evaporating pressure (saturation temperature)				Condensing pressure (saturation temperature)			Return gas temp.			Liquid temp.			Cooling capacity			COP	EER	P1	Power consumption		Ref. mass flow		
	pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	[W]	I	m	[W]	[A]	[kg/h]								
[°C]	-23	54	32	32	619,2	2115	532,9	1,82	6,21	1,56	340,7	1,49	6,27										ASHRAE LBP	
[°F]	-10	130	90	90																				
[°C]	-25	55	32	55	462,4	1579	398,0	1,41	4,82	1,21	327,9	1,43	5,76											cecomaf LBP
[°F]	-13	131	90	131																				
[°C]	-35	40	20	40	339,9	1161	292,5	1,48	5,06	1,28	229,3	1,04	3,88											EN12900 LBP
[°F]	-31	104	68	104																				
[°C]	-7	54	35	46	1098,1	3750	945,0	2,34	7,98	2,01	470,2	2,02	12,53											ASHRAE MBP
[°F]	20	130	95	115																				
[°C]	-10	55	32	55	877,5	2997	755,2	1,95	6,67	1,68	449,2	1,93	11,10											cecomaf MBP
[°F]	14	131	90	131																				
[°C]	-10	45	20	45	951,5	3249	818,9	2,37	8,10	2,04	401,1	1,73	11,68											EN12900 MBP
[°F]	14	113	68	113																				

### Standard conditions with different RPM

R290, 240V, 50Hz, Fan cooling 3m/s



Test conditions:	pe [°C]	pc [°C]	Tliq [°C]	Tsuc [°C]	pe [°C]	pc [°C]	Tliq [°C]	Tsuc [°C]	
ASHRAE LBP	-23	54,44	32,22	32,22	ASHRAE MBP	-6,66	54,44	46,11	35
cecomaf LBP	-25	55	55	32	cecomaf MBP	-10	55	55	32
EN12900 LBP	-35	40	40	20	EN12900 MBP	-10	45	45	20