

## Tabla de ahorro Kit EcoTop F3-1 en % anual

Valores de ahorro aproximados bajo condiciones óptimas	ACS	8 CAPTADORES		6 CAPTADORES	
		Suelo radiante	Emisores de calor	Suelo radiante	Emisores de calor
A Coruña	86,10%	28,66%	18,58%	19,05%	13%
Álava	80,93%	23,33%	13,01%	15,74%	9,55%
Albacete	80,04%	38,82%	29,74%	29,27%	21,21%
Alicante	86,88%	45,70%	38,19%	35,89%	28,15%
Almería	87,72%	46,49%	39,85%	36,92%	29,27%
Asturias	83,82%	25,46%	15,24%	16,95%	10,82%
Ávila	85,98%	29,98%	19,93%	20,13%	13,97%
Badajoz	90,54%	34,92%	25,96%	23,56%	17,65%
Barcelona	89,92%	33,57%	23,89%	22,35%	16,38%
Burgos	83,29%	26,65%	17,86%	16,30%	11,66%
Cáceres	81,28%	40,18%	31,28%	30,15%	22,23%
Cádiz	86,25%	44,44%	37,26%	34,54%	26,92%
Cantabria	83,77%	26,03%	15,93%	17,42%	11,36%
Castellón	85,70%	45,03%	36,19%	34,04%	26,17%
Ceuta	87,20%	47,28%	38,74%	36,40%	30,32%
Ciudad Real	80,63%	39,44%	30,40%	29,73%	21,71%
Córdoba	81,68%	41,06%	31,02%	32,27%	23,22%
Cuenca	86,30%	29,73%	21,71%	19,95%	13,82%
Gerona	80,74%	40,03%	30,47%	29,79%	21,69%
Granada	83,03%	42,15%	32,03%	33,93%	24,16%
Guadalajara	88,75%	32,44%	23,57%	22,34%	16,28%
Guipúzcoa	85,49%	27,58%	17,41%	18,39%	12,29%
Huelva	90,18%	39,70%	32,48%	28,58%	22,80%
Huesca	87,50%	31,56%	23,07%	22,16%	16,02%
Islas Baleares	82,57%	41,68%	32,56%	30,97%	23,09%
Jaén	80,78%	39,23%	30%	29,23%	21,38%
La Rioja	85,98%	29,92%	20,78%	20,71%	14,59%
Las Palmas	92,19%	53,73%	47,95%	43,15%	36,51%
León	85,62%	29,70%	20,33%	20,52%	14,29%
Lugo	83,64%	26,41%	16,14%	17,69%	11,53%
Lleida	87,37%	31,62%	23,97%	24,83%	19,33%
Madrid	90,12%	33,69%	24,25%	22,71%	16,63%
Málaga	86,55%	46,09%	38,17%	35,09%	27,44%
Melilla	89,01%	48,39%	42,19%	38,67%	31,38%
Murcia	89,82%	50,30%	42,65%	39,12%	31,32%
Ourense	81,87%	24,75%	14,60%	16,62%	10,54%
Palencia	84,96%	28,90%	18,84%	19,51%	13,32%
Pamplona	82,80%	26,38%	16,07%	17,73%	11,54%
Pontevedra	87,09%	30,91%	21,36%	20,91%	14,89%
Salamanca	87,07%	30,94%	21,22%	20,93%	14,78%
Santa Cruz de Tenerife	89,66%	50,79%	44,99%	40,17%	33,70%
Segovia	85,41%	29,49%	19,55%	19,91%	13,74%
Sevilla	82,67%	42,07%	32,88%	31,07%	23,30%
Soria	86,94%	30,47%	20,10%	20,21%	13,99%
Tarragona	82,08%	41,57%	32,72%	31,36%	23,39%
Teruel	86,19%	29,95%	19,73%	19,90%	13,76%
Toledo	88,57%	32,48%	23,74%	22,41%	16,38%
Valencia	82,99%	42,13%	33,32%	31,61%	23,77%
Valladolid	84,78%	28,49%	19,14%	19,83%	13,60%
Vizcaya	83,03%	25,24%	15,06%	16,85%	10,75%
Zamora	84,97%	29,06%	19,08%	19,59%	13,46%
Zaragoza	88,79%	40,33%	31,07%	31,20%	22,95%

### CONDICIONES DE CÁLCULO:

1. Se calcula con WSI para un consumo de 180 l. y una demanda de calefacción de 20 kW
2. Se evalúan ahorros con 6 y 8 captadores
3. Se busca un ahorro superior al 80% en ACS
4. Se realiza el cálculo para orientación sur, inclinación 20°-45°

## Tabla de ahorro Kit EcoTop F3-1Q en % anual

Valores de ahorro aproximados bajo condiciones óptimas	ACS	8 CAPTADORES		6 CAPTADORES	
		Suelo radiante	Emisores de calor	Suelo radiante	Emisores de calor
A Coruña	85,27%	27,32%	15,95%	18,20%	11,38
Álava	85,33%	19,63%	10,29%	12,58%	7,91
Albacete	89,67%	33,62%	24,00%	23,42%	16,58
Alicante	86,01%	44,74%	35,84%	34,75%	26,03
Almería	86,84%	46,07%	37,56%	35,81%	27,2
Asturias	82,90%	24,11%	12,57%	16,12%	9,2
Ávila	85,16%	19,10%	16,93%	28,57%	12,11
Badajoz	89,65%	33,89%	23,29%	22,66%	16,01
Barcelona	89,03%	32,45%	21,23%	21,47%	14,74
Burgos	82,51%	25,07%	13,36%	16,87%	9,84
Cáceres	80,29%	38,93%	28,13%	29,07%	20,13
Cádiz	85,30%	43,52%	34,98%	33,53%	24,96
Cantabria	82,97%	24,71%	13,32%	16,58%	9,74
Castellón	84,73%	43,77%	33,79%	32,94%	24,07
Ceuta	86,35%	46,09%	36,48%	35,61%	28,24
Ciudad Real	90,33%	34,15%	24,67%	23,79%	16,99
Córdoba	80,69%	39,82%	29,72%	29,99%	21,19
Cuenca	85,47%	28,45%	16,88%	18,95%	12,01
Girona	91,06%	34,68%	24,59%	23,75%	16,89
Granada	82,01%	41,11%	30,96%	30,90%	22,02
Guadalajara	87,88%	31,30%	20,70%	21,36%	14,51
Guipúzcoa	84,66%	26,18%	14,71%	17,50%	10,62
Huelva	89,30%	38,58%	21,07%	27,57%	21,07
Huesca	86,65%	30,42%	20,18%	21,17%	14,24
Islas Baleares	81,51%	40,45%	29,51%	29,94%	21,05
Jaén	90,62%	34,09%	24,40%	23,45%	16,81
La Rioja	85,16%	28,81%	17,94%	19,75%	12,83
Las Palmas	91,47%	52,88%	46,39%	42,41%	34,64
León	84,81%	28,52%	17,35%	19,50%	12,45
Lugo	82,85%	24,95%	13,35%	16,76%	9,8
Lleida	86,53%	30,50%	21,85%	24,16%	17,54
Madrid	89,23%	32,52%	21,35%	21,71%	14,84
Málaga	85,48%	45,16%	35,89%	34,08%	25,48
Melilla	88,18%	47,45%	39,91%	37,82%	29,31
Murcia	88,91%	49,23%	40,16%	37,90%	29,1
Navarra	82,03%	24,88%	13,22%	16,79%	9,79
Ourense	80,86%	23,35%	11,89%	15,74%	8,87
Palencia	84,15%	27,58%	15,90%	18,51%	11,51
Pontevedra	86,24%	29,91%	18,70%	20,03%	13,24
Salamanca	86,22%	29,77%	18,28%	19,92%	12,97
Santa Cruz de Tenerife	88,98%	49,96%	42,96%	39,45%	31,84
Segovia	84,60%	28,23%	16,59%	18,90%	11,91
Sevilla	81,65%	40,82%	29,83%	30,03%	21,27
Soria	86,10%	28,83%	17,08%	19,18%	12,13
Tarragona	81,08%	40,39%	29,89%	30,29%	21,3
Teruel	85,37%	28,36%	16,79%	18,89%	11,95
Toledo	87,71%	31,37%	20,93%	21,46%	14,65
Valencia	81,96%	40,89%	30,54%	30,57%	21,74
Valladolid	83,97%	27,29%	16,13%	18,79%	11,74
Vizcaya	82,01%	23,86%	12,37%	15,98%	9,09
Zamora	84,16%	27,75%	16,19%	18,61%	11,67
Zaragoza	81,83%	38,85%	28,36%	29,92%	20,59

### CONDICIONES DE CÁLCULO:

1. Se calcula con WSI para un consumo de 180 l. y una demanda de calefacción de 20 kW
2. Se evalúan ahorros con 6 y 8 captadores
3. Se busca un ahorro superior al 80% en ACS
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