

Aircraft Deicing and Towing Services Munich Airport

Price List

Effective as of 1 October 2023 to 30 September 2024



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1 Company portrait

EFM – Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH was jointly formed by Lufthansa and Munich Airport (FMG) in 1992. Our ground services for aircraft include towing and pushback as well as deicing and air conditioning. In addition we offer training, consulting and technical support in towing and de-icing.



EFM employs about 174 people, including 150 tractor drivers, deicing and operational staff. Currently EFM operates a fleet of 31 towing tractors of all sizes and 24 deicing vehicles for one-man operation. For air conditioning we provide one air-conditioning vehicle. Four heating units and five FDI (Quickloading fanblade deicer) are available for fan blade deicing.



If you have any questions concerning our services please do not hesitate to contact us.

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2 Aircraft towing services

2.1 Price per event

A/C cat.	Price
1	215,00€
2	258,00€
3	430,00€

Prices do not include VAT.

The above mentioned prices are valid for towing services between aprons and maintenance areas including noise protection hangar as well as between apron for aircraft maintenance and maintenance hangar including noise protection hangar.

The event starts with provision of the towing vehicle at the aircraft and ends with parking of the aircraft at its final position. The price per event includes a period of 30 minutes. If the

event takes longer than 30 minutes because of reasons which are not caused by EFM, 100 % of the price per event will be invoiced for each following 30-minutes-period.

APU test price is identical to the price per event for towing. Therefore for each APU test minimum one towing event price is charged.

2.2 Aircraft categories

A/C cat.	MTOW			Example
1	0	< 100,0	metric tons	A320, B737
2	100,0	< 200,0	metric tons	B757, B767
3		> 200,0	metric tons	A340, B747

2.3 Walk-Out-Assistance for Pushback

Usually Walk-Out-Assistance is offered by other Ground Handling Companies at the Airport. In the case their staff is missing, EFM is providing the Walk-Out-Assistance to avoid off block delays.

EFM reserves the right to provide SMPB (Single Man Pushback) instead of Walk-Out-Assistance, if applicable. Nevertheless for both the same price will be charged to the Ground Handling company responsible.

Price is 61,00 € for the first 30 minutes, followed by 37,00 € Price per 15 minutes.

3 Aircraft de-/anti-icing services

3.1 Prices for deicing of aircraft consist of several components:

COLD customers (requires signed contract at the beginning of the season) pay a seasonal flat fee that follows a quantity scale (paragraph 3.2). In addition, the actual amount of deicing fluid used (paragraph 3.3) will be invoiced. Event fee will be charged only for deicing events exceeding 12% of expected winter schedule departures. Deicing events before or after the winter schedule will be invoiced with a regular event fee.

The seasonal flat fee is not refundable if flights are cancelled or smaller aircraft type is used for operation during the winter schedule period.

Additional fee of fixed charges applies if number of flights increase or bigger aircraft type is used for operation during the winter schedule period.

Non-COLD customers will be charged for each deicing treatment with the respective event price (paragraph 3.2) and the actual amount of deicing fluid used (paragraph 3.3).

EFM reserves the right to adjust the prices during the winter season in an appropriate way where external cost reductions or increases occur.

EFM reserves the right to charge cash or by credit card.

3.2 Flat fee and event prices

The flat fee is calculated as follows:

The total number of departures during the winter schedule (29.10.2023 - 30.03.2024) with the same type of aircraft is divided by the number of weeks (22) of the winter schedule. Except the airline is providing their winter schedule, the typical week provided by Flughafen München GmbH is used for the calculation.

This „average number of departures during one week of winter schedule“ is multiplied by the respective „base-factor“ for the aircraft type.

To determine this base-factor the length of the aircraft is multiplied by the wingspan. The result is then multiplied by the respective range price per m².

The respective event prices are calculated in the same manner as the base-factor.

Departures during the winter schedule	Range price per departures per week & m ²	Event price* per m ²
1 < 200	3,92 €	0,25 €
200 < 500	3,29 €	0,25 €
500 < 1.000	3,07 €	0,25 €
1.000 < 20.000	2,92 €	0,25 €
> 20.000	2,28 €	0,25 €
Non-COLD	-	2,20 €

For the currently most common types of aircraft base-factors for the flat fee and event prices are listed in the table on pages 6 to 12.

* Does not apply for events covered by flat fee (12% of winter schedule departures).

3.3 Deicing fluid will be charged according to consumption.

Prices for de-icing fluid are as follows:

Price per litre	Type I	Type IV
COLD	1,64 €	2,18 €
Non-COLD	3,60 €	4,60 €

3.4 Example calculation flat fee

During winter schedule 2023/2024 Example Airways is planning 400 departures with CRJ2, 600 departures with E175 and 100 departures with A320 ex MUC. The total number of departures (1.100) lies in a quantity scale 1.000 < 20.000 and has a price of 2,92 € per departures per week & m².

Which flat fee amount does Example Airways have to pay ?

In a first step the average number of departures during one week in the winter schedule is calculated. Then the base-factor is determined. Finally, the flat fee is calculated by multiplying the average number of departures by the respective base-factor for the aircraft type.

1. Average number of departures

The total number of departures during the winter schedule with the same type of aircraft is divided by the number of weeks of the winter schedule.

A/C Type	Departures	Weeks	Departures/Week
CRJ2	400	22	18
E175	600	22	27
A320	100	22	5

2. Base-factor

To determine the base-factor the length of the aircraft is multiplied by the wing-span; the result is then multiplied by the respective price per m².

A/C Type	Length	Wingspan	Result <small>(in round figures)</small>	Price per m ²	Base-factor
CRJ2	26,80 m	x 21,30 m	= 570 m ²	x 2,92 €	= 1.664,40 €
E175	31,70 m	x 26,00 m	= 824 m ²	x 2,92 €	= 2.406,08 €
A320	37,57 m	x 34,10 m	= 1.281 m ²	x 2,92 €	= 3.740,52 €

3. Flatfee (event fee up to 12% of expected winter schedule departures included)

The average number of departures during one week in the winter schedule is multiplied by the respective base-factor for the aircraft type.

A/C Type	Departures/Week	Base-Factor	Flat fee
CRJ2	18	x 1.664,40 €	= 29.959,20 €
E175	27	x 2.406,08 €	= 64.964,16 €
A320	5	x 3.740,52 €	= 18.702,60 €
			113.625,96 €

The respective event prices are calculated in the same manner as the base-factor. (Not relevant for de-icing of up to 12% of winter schedule departures)

Calculation according to paragraph 3.2 results in the following prices per A/C type:

A/C Type	Base-factor Flatfee COLD 1 < 200 Starts	Base-factor Flatfee COLD 200 < 500 Starts	Base-factor Flatfee COLD 500 < 1.000 Starts	Base-factor Flatfee COLD 1.000 < 20.000 Starts	Base-factor Flatfee COLD > 20.000 Starts	Event COLD	Event Non-COLD
A124	19.854,80 €	16.663,85 €	15.549,55 €	14.789,80 €	11.548,20 €	1.266,25 €	11.143,00 €
A148	3.308,48 €	2.776,76 €	2.591,08 €	2.464,48 €	1.924,32 €	211,00 €	1.856,80 €
A221	4.817,68 €	4.043,41 €	3.773,03 €	3.588,68 €	2.802,12 €	307,25 €	2.703,80 €
A223	5.323,36 €	4.467,82 €	4.169,06 €	3.965,36 €	3.096,24 €	339,50 €	2.987,60 €
A225	29.106,00 €	24.428,25 €	22.794,75 €	21.681,00 €	16.929,00 €	1.856,25 €	16.335,00 €
A300	9.506,00 €	7.978,25 €	7.444,75 €	7.081,00 €	5.529,00 €	606,25 €	5.335,00 €
A306	9.506,00 €	7.978,25 €	7.444,75 €	7.081,00 €	5.529,00 €	606,25 €	5.335,00 €
A30B	9.411,92 €	7.899,29 €	7.371,07 €	7.010,92 €	5.474,28 €	600,25 €	5.282,20 €
A310	8.036,00 €	6.744,50 €	6.293,50 €	5.986,00 €	4.674,00 €	512,50 €	4.510,00 €
A312	8.036,00 €	6.744,50 €	6.293,50 €	5.986,00 €	4.674,00 €	512,50 €	4.510,00 €
A313	8.036,00 €	6.744,50 €	6.293,50 €	5.986,00 €	4.674,00 €	512,50 €	4.510,00 €
A318	4.210,08 €	3.533,46 €	3.297,18 €	3.136,08 €	2.448,72 €	268,50 €	2.362,80 €
A318neo	4.421,76 €	3.711,12 €	3.462,96 €	3.293,76 €	2.571,84 €	282,00 €	2.481,60 €
A318W	4.421,76 €	3.711,12 €	3.462,96 €	3.293,76 €	2.571,84 €	282,00 €	2.481,60 €
A319	4.523,68 €	3.796,66 €	3.542,78 €	3.369,68 €	2.631,12 €	288,50 €	2.538,80 €
A319neo	4.743,20 €	3.980,90 €	3.714,70 €	3.533,20 €	2.758,80 €	302,50 €	2.662,00 €
A319W	4.743,20 €	3.980,90 €	3.714,70 €	3.533,20 €	2.758,80 €	302,50 €	2.662,00 €
A320	5.021,52 €	4.214,49 €	3.932,67 €	3.740,52 €	2.920,68 €	320,25 €	2.818,20 €
A320neo	5.272,40 €	4.425,05 €	4.129,15 €	3.927,40 €	3.066,60 €	336,25 €	2.959,00 €
A320W	5.276,32 €	4.428,34 €	4.132,22 €	3.930,32 €	3.068,88 €	336,50 €	2.961,20 €
A321	5.946,64 €	4.990,93 €	4.657,19 €	4.429,64 €	3.458,76 €	379,25 €	3.337,40 €
A321neo	6.244,56 €	5.240,97 €	4.890,51 €	4.651,56 €	3.632,04 €	398,25 €	3.504,60 €
A321W	6.244,56 €	5.240,97 €	4.890,51 €	4.651,56 €	3.632,04 €	398,25 €	3.504,60 €
A322	5.021,52 €	4.214,49 €	3.932,67 €	3.740,52 €	2.920,68 €	320,25 €	2.818,20 €
A332	13.947,36 €	11.705,82 €	10.923,06 €	10.389,36 €	8.112,24 €	889,50 €	7.827,60 €
A333	15.056,72 €	12.636,89 €	11.791,87 €	11.215,72 €	8.757,48 €	960,25 €	8.450,20 €
A337	14.915,60 €	12.518,45 €	11.681,35 €	11.110,60 €	8.675,40 €	951,25 €	8.371,00 €
A338	14.754,88 €	12.383,56 €	11.555,48 €	10.990,88 €	8.581,92 €	941,00 €	8.280,80 €
A339	15.970,08 €	13.403,46 €	12.507,18 €	11.896,08 €	9.288,72 €	1.018,50 €	8.962,80 €
A342	14.037,52 €	11.781,49 €	10.993,67 €	10.456,52 €	8.164,68 €	895,25 €	7.878,20 €
A343	15.033,20 €	12.617,15 €	11.773,45 €	11.198,20 €	8.743,80 €	958,75 €	8.437,00 €
A345	16.903,04 €	14.186,48 €	13.237,84 €	12.591,04 €	9.831,36 €	1.078,00 €	9.486,40 €
A346	18.741,52 €	15.729,49 €	14.677,67 €	13.960,52 €	10.900,68 €	1.195,25 €	10.518,20 €
A358	15.382,08 €	12.909,96 €	12.046,68 €	11.458,08 €	8.946,72 €	981,00 €	8.632,80 €
A359	16.977,52 €	14.248,99 €	13.296,17 €	12.646,52 €	9.874,68 €	1.082,75 €	9.528,20 €
A35K	18.725,84 €	15.716,33 €	14.665,39 €	13.948,84 €	10.891,56 €	1.194,25 €	10.509,40 €
A388	22.834,00 €	19.164,25 €	17.882,75 €	17.009,00 €	13.281,00 €	1.456,25 €	12.815,00 €
A3ST	9.870,56 €	8.284,22 €	7.730,26 €	7.352,56 €	5.741,04 €	629,50 €	5.539,60 €
A400	7.495,04 €	6.290,48 €	5.869,84 €	5.583,04 €	4.359,36 €	478,00 €	4.206,40 €
A748	2.406,88 €	2.020,06 €	1.884,98 €	1.792,88 €	1.399,92 €	153,50 €	1.350,80 €
AC90	658,56 €	552,72 €	515,76 €	490,56 €	383,04 €	42,00 €	369,60 €
AEST	466,48 €	391,51 €	365,33 €	347,48 €	271,32 €	29,75 €	261,80 €
AN12	4.931,36 €	4.138,82 €	3.862,06 €	3.673,36 €	2.868,24 €	314,50 €	2.767,60 €
AN22	14.617,68 €	12.268,41 €	11.448,03 €	10.888,68 €	8.502,12 €	932,25 €	8.203,80 €
AN24	2.755,76 €	2.312,87 €	2.158,21 €	2.052,76 €	1.602,84 €	175,75 €	1.546,60 €
AN26	2.724,40 €	2.286,55 €	2.133,65 €	2.029,40 €	1.584,60 €	173,75 €	1.529,00 €
AN38	1.352,40 €	1.135,05 €	1.059,15 €	1.007,40 €	786,60 €	86,25 €	759,00 €
AN70	7.016,80 €	5.889,10 €	5.495,30 €	5.226,80 €	4.081,20 €	447,50 €	3.938,00 €
AN72	3.512,32 €	2.947,84 €	2.750,72 €	2.616,32 €	2.042,88 €	224,00 €	1.971,20 €
AT42	2.187,36 €	1.835,82 €	1.713,06 €	1.629,36 €	1.272,24 €	139,50 €	1.227,60 €
AT43	2.187,36 €	1.835,82 €	1.713,06 €	1.629,36 €	1.272,24 €	139,50 €	1.227,60 €

A/C Type	Base-factor Flatfee COLD 1 < 200 Starts	Base-factor Flatfee COLD 200 < 500 Starts	Base-factor Flatfee COLD 500 < 1.000 Starts	Base-factor Flatfee COLD 1.000 < 20.000 Starts	Base-factor Flatfee COLD > 20.000 Starts	Event COLD	Event Non-COLD
AT44	2.187,36 €	1.835,82 €	1.713,06 €	1.629,36 €	1.272,24 €	139,50 €	1.227,60 €
AT45	2.187,36 €	1.835,82 €	1.713,06 €	1.629,36 €	1.272,24 €	139,50 €	1.227,60 €
AT72	2.889,04 €	2.424,73 €	2.262,59 €	2.152,04 €	1.680,36 €	184,25 €	1.621,40 €
AT73	2.889,04 €	2.424,73 €	2.262,59 €	2.152,04 €	1.680,36 €	184,25 €	1.621,40 €
AT75	2.889,04 €	2.424,73 €	2.262,59 €	2.152,04 €	1.680,36 €	184,25 €	1.621,40 €
AT76	2.889,04 €	2.424,73 €	2.262,59 €	2.152,04 €	1.680,36 €	184,25 €	1.621,40 €
ATP	3.120,32 €	2.618,84 €	2.443,72 €	2.324,32 €	1.814,88 €	199,00 €	1.751,20 €
B146	4.413,92 €	3.704,54 €	3.456,82 €	3.287,92 €	2.567,28 €	281,50 €	2.477,20 €
B190	1.148,56 €	963,97 €	899,51 €	855,56 €	668,04 €	73,25 €	644,60 €
B350	983,92 €	825,79 €	770,57 €	732,92 €	572,28 €	62,75 €	552,20 €
B37M	5.005,84 €	4.201,33 €	3.920,39 €	3.728,84 €	2.911,56 €	319,25 €	2.809,40 €
B38M	5.558,56 €	4.665,22 €	4.353,26 €	4.140,56 €	3.233,04 €	354,50 €	3.119,60 €
B39M	5.930,96 €	4.977,77 €	4.644,91 €	4.417,96 €	3.449,64 €	378,25 €	3.328,60 €
B461	2.708,72 €	2.273,39 €	2.121,37 €	2.017,72 €	1.575,48 €	172,75 €	1.520,20 €
B462	2.959,60 €	2.483,95 €	2.317,85 €	2.204,60 €	1.721,40 €	188,75 €	1.661,00 €
B463	3.206,56 €	2.691,22 €	2.511,26 €	2.388,56 €	1.865,04 €	204,50 €	1.799,60 €
B46X	3.206,56 €	2.691,22 €	2.511,26 €	2.388,56 €	1.865,04 €	204,50 €	1.799,60 €
B701	6.507,20 €	5.461,40 €	5.096,20 €	4.847,20 €	3.784,80 €	415,00 €	3.652,00 €
B703	8.114,40 €	6.810,30 €	6.354,90 €	6.044,40 €	4.719,60 €	517,50 €	4.554,00 €
B707	8.110,48 €	6.807,01 €	6.351,83 €	6.041,48 €	4.717,32 €	517,25 €	4.551,80 €
B712	4.233,60 €	3.553,20 €	3.315,60 €	3.153,60 €	2.462,40 €	270,00 €	2.376,00 €
B717	4.217,92 €	3.540,04 €	3.303,32 €	3.141,92 €	2.453,28 €	269,00 €	2.367,20 €
B721	5.237,12 €	4.395,44 €	4.101,52 €	3.901,12 €	3.046,08 €	334,00 €	2.939,20 €
B722	6.021,12 €	5.053,44 €	4.715,52 €	4.485,12 €	3.502,08 €	384,00 €	3.379,20 €
B732	3.382,96 €	2.839,27 €	2.649,41 €	2.519,96 €	1.967,64 €	215,75 €	1.898,60 €
B733	3.782,80 €	3.174,85 €	2.962,55 €	2.817,80 €	2.200,20 €	241,25 €	2.123,00 €
B733W	4.072,88 €	3.418,31 €	3.189,73 €	3.033,88 €	2.368,92 €	259,75 €	2.285,80 €
B734	4.123,84 €	3.461,08 €	3.229,64 €	3.071,84 €	2.398,56 €	263,00 €	2.314,40 €
B735	3.524,08 €	2.957,71 €	2.759,93 €	2.625,08 €	2.049,72 €	224,75 €	1.977,80 €
B735W	3.790,64 €	3.181,43 €	2.968,69 €	2.823,64 €	2.204,76 €	241,75 €	2.127,40 €
B736	4.194,40 €	3.520,30 €	3.284,90 €	3.124,40 €	2.439,60 €	267,50 €	2.354,00 €
B736W	4.378,64 €	3.674,93 €	3.429,19 €	3.261,64 €	2.546,76 €	279,25 €	2.457,40 €
B737BBJ	4.727,52 €	3.967,74 €	3.702,42 €	3.521,52 €	2.749,68 €	301,50 €	2.653,20 €
B737W	4.727,52 €	3.967,74 €	3.702,42 €	3.521,52 €	2.749,68 €	301,50 €	2.653,20 €
B738	5.311,60 €	4.457,95 €	4.159,85 €	3.956,60 €	3.089,40 €	338,75 €	2.981,00 €
B738BBJ	5.542,88 €	4.652,06 €	4.340,98 €	4.128,88 €	3.223,92 €	353,50 €	3.110,80 €
B738W	5.542,88 €	4.652,06 €	4.340,98 €	4.128,88 €	3.223,92 €	353,50 €	3.110,80 €
B739	5.660,48 €	4.750,76 €	4.433,08 €	4.216,48 €	3.292,32 €	361,00 €	3.176,80 €
B739BBJ	5.907,44 €	4.958,03 €	4.626,49 €	4.400,44 €	3.435,96 €	376,75 €	3.315,40 €
B739W	5.907,44 €	4.958,03 €	4.626,49 €	4.400,44 €	3.435,96 €	376,75 €	3.315,40 €
B73G	5.907,44 €	4.958,03 €	4.626,49 €	4.400,44 €	3.435,96 €	376,75 €	3.315,40 €
B73X	5.907,44 €	4.958,03 €	4.626,49 €	4.400,44 €	3.435,96 €	376,75 €	3.315,40 €
B741	16.491,44 €	13.841,03 €	12.915,49 €	12.284,44 €	9.591,96 €	1.051,75 €	9.255,40 €
B742	16.518,88 €	13.864,06 €	12.936,98 €	12.304,88 €	9.607,92 €	1.053,50 €	9.270,80 €
B743	16.518,88 €	13.864,06 €	12.936,98 €	12.304,88 €	9.607,92 €	1.053,50 €	9.270,80 €
B744	17.875,20 €	15.002,40 €	13.999,20 €	13.315,20 €	10.396,80 €	1.140,00 €	10.032,00 €
B748	20.489,84 €	17.196,83 €	16.046,89 €	15.262,84 €	11.917,56 €	1.306,75 €	11.499,40 €
B74S	13.151,60 €	11.037,95 €	10.299,85 €	9.796,60 €	7.649,40 €	838,75 €	7.381,00 €
B752	7.044,24 €	5.912,13 €	5.516,79 €	5.247,24 €	4.097,16 €	449,25 €	3.953,40 €
B752W	7.620,48 €	6.395,76 €	5.968,08 €	5.676,48 €	4.432,32 €	486,00 €	4.276,80 €
B753	8.118,32 €	6.813,59 €	6.357,97 €	6.047,32 €	4.721,88 €	517,75 €	4.556,20 €

A/C Type	Base-factor Flatfee COLD 1 < 200 Starts	Base-factor Flatfee COLD 200 < 500 Starts	Base-factor Flatfee COLD 500 < 1.000 Starts	Base-factor Flatfee COLD 1.000 < 20.000 Starts	Base-factor Flatfee COLD > 20.000 Starts	Event COLD	Event Non-COLD
B753W	8.780,80 €	7.369,60 €	6.876,80 €	6.540,80 €	5.107,20 €	560,00 €	4.928,00 €
B762	9.047,36 €	7.593,32 €	7.085,56 €	6.739,36 €	5.262,24 €	577,00 €	5.077,60 €
B763	10.242,96 €	8.596,77 €	8.021,91 €	7.629,96 €	5.957,64 €	653,25 €	5.748,60 €
B763W	10.952,48 €	9.192,26 €	8.577,58 €	8.158,48 €	6.370,32 €	698,50 €	6.146,80 €
B764	12.469,52 €	10.465,49 €	9.765,67 €	9.288,52 €	7.252,68 €	795,25 €	6.998,20 €
B76F	12.493,04 €	10.485,23 €	9.784,09 €	9.306,04 €	7.266,36 €	796,75 €	7.011,40 €
B772	15.256,64 €	12.804,68 €	11.948,44 €	11.364,64 €	8.873,76 €	973,00 €	8.562,40 €
B773	17.671,36 €	14.831,32 €	13.839,56 €	13.163,36 €	10.278,24 €	1.127,00 €	9.917,60 €
B77L	16.205,28 €	13.600,86 €	12.691,38 €	12.071,28 €	9.425,52 €	1.033,50 €	9.094,80 €
B77W	18.772,88 €	15.755,81 €	14.702,23 €	13.983,88 €	10.918,92 €	1.197,25 €	10.535,80 €
B788	13.359,36 €	11.212,32 €	10.462,56 €	9.951,36 €	7.770,24 €	852,00 €	7.497,60 €
B789	14.794,08 €	12.416,46 €	11.586,18 €	11.020,08 €	8.604,72 €	943,50 €	8.302,80 €
B78X	16.091,60 €	13.505,45 €	12.602,35 €	11.986,60 €	9.359,40 €	1.026,25 €	9.031,00 €
BCS1	4.817,68 €	4.043,41 €	3.773,03 €	3.588,68 €	2.802,12 €	307,25 €	2.703,80 €
BCS3	5.323,36 €	4.467,82 €	4.169,06 €	3.965,36 €	3.096,24 €	339,50 €	2.987,60 €
BC85	2.226,56 €	1.868,72 €	1.743,76 €	1.658,56 €	1.295,04 €	142,00 €	1.249,60 €
BE10	670,32 €	562,59 €	524,97 €	499,32 €	389,88 €	42,75 €	376,20 €
BE2	372,40 €	312,55 €	291,65 €	277,40 €	216,60 €	23,75 €	209,00 €
BE20	878,08 €	736,96 €	687,68 €	654,08 €	510,72 €	56,00 €	492,80 €
BE30	878,08 €	736,96 €	687,68 €	654,08 €	510,72 €	56,00 €	492,80 €
BE36	337,12 €	282,94 €	264,02 €	251,12 €	196,08 €	21,50 €	189,20 €
BE4	7.455,84 €	6.257,58 €	5.839,14 €	5.553,84 €	4.336,56 €	475,50 €	4.184,40 €
BE40	772,24 €	648,13 €	604,79 €	575,24 €	449,16 €	49,25 €	433,40 €
BE4W	772,24 €	648,13 €	604,79 €	575,24 €	449,16 €	49,25 €	433,40 €
BE5	517,44 €	434,28 €	405,24 €	385,44 €	300,96 €	33,00 €	290,40 €
BE55	419,44 €	352,03 €	328,49 €	312,44 €	243,96 €	26,75 €	235,40 €
BE60	486,08 €	407,96 €	380,68 €	362,08 €	282,72 €	31,00 €	272,80 €
BE80	646,80 €	542,85 €	506,55 €	481,80 €	376,20 €	41,25 €	363,00 €
BE95	360,64 €	302,68 €	282,44 €	268,64 €	209,76 €	23,00 €	202,40 €
BE99	744,80 €	625,10 €	583,30 €	554,80 €	433,20 €	47,50 €	418,00 €
BE9L	646,80 €	542,85 €	506,55 €	481,80 €	376,20 €	41,25 €	363,00 €
BELF	7.890,96 €	6.622,77 €	6.179,91 €	5.877,96 €	4.589,64 €	503,25 €	4.428,60 €
C12	250,88 €	210,56 €	196,48 €	186,88 €	145,92 €	16,00 €	140,80 €
C130	5.460,56 €	4.582,97 €	4.276,51 €	4.067,56 €	3.176,04 €	348,25 €	3.064,60 €
C135	6.491,52 €	5.448,24 €	5.083,92 €	4.835,52 €	3.775,68 €	414,00 €	3.643,20 €
C141	9.831,36 €	8.251,32 €	7.699,56 €	7.323,36 €	5.718,24 €	627,00 €	5.517,60 €
C150	290,08 €	243,46 €	227,18 €	216,08 €	168,72 €	18,50 €	162,80 €
C160	5.080,32 €	4.263,84 €	3.978,72 €	3.784,32 €	2.954,88 €	324,00 €	2.851,20 €
C17	10.760,40 €	9.031,05 €	8.427,15 €	8.015,40 €	6.258,60 €	686,25 €	6.039,00 €
C182	368,48 €	309,26 €	288,58 €	274,48 €	214,32 €	23,50 €	206,80 €
C188	392,00 €	329,00 €	307,00 €	292,00 €	228,00 €	25,00 €	220,00 €
C20	2.352,00 €	1.974,00 €	1.842,00 €	1.752,00 €	1.368,00 €	150,00 €	1.320,00 €
C208	791,84 €	664,58 €	620,14 €	589,84 €	460,56 €	50,50 €	444,40 €
C210	376,32 €	315,84 €	294,72 €	280,32 €	218,88 €	24,00 €	211,20 €
C25A	846,72 €	710,64 €	663,12 €	630,72 €	492,48 €	54,00 €	475,20 €
C25B	964,32 €	809,34 €	755,22 €	718,32 €	560,88 €	61,50 €	541,20 €
C25C	991,76 €	832,37 €	776,71 €	738,76 €	576,84 €	63,25 €	556,60 €
C25M	733,04 €	615,23 €	574,09 €	546,04 €	426,36 €	46,75 €	411,40 €
C27J	2.551,92 €	2.141,79 €	1.998,57 €	1.900,92 €	1.484,28 €	162,75 €	1.432,20 €
C303	435,12 €	365,19 €	340,77 €	324,12 €	253,08 €	27,75 €	244,20 €
C30J	5.460,56 €	4.582,97 €	4.276,51 €	4.067,56 €	3.176,04 €	348,25 €	3.064,60 €

A/C Type	Base-factor Flatfee COLD 1 < 200 Starts	Base-factor Flatfee COLD 200 < 500 Starts	Base-factor Flatfee COLD 500 < 1.000 Starts	Base-factor Flatfee COLD 1.000 < 20.000 Starts	Base-factor Flatfee COLD > 20.000 Starts	Event COLD	Event Non-COLD
C340	435,12 €	365,19 €	340,77 €	324,12 €	253,08 €	27,75 €	244,20 €
C404	670,32 €	562,59 €	524,97 €	499,32 €	389,88 €	42,75 €	376,20 €
C411	588,00 €	493,50 €	460,50 €	438,00 €	342,00 €	37,50 €	330,00 €
C414	588,00 €	493,50 €	460,50 €	438,00 €	342,00 €	37,50 €	330,00 €
C421	556,64 €	467,18 €	435,94 €	414,64 €	323,76 €	35,50 €	312,40 €
C425	670,32 €	562,59 €	524,97 €	499,32 €	389,88 €	42,75 €	376,20 €
C441	670,32 €	562,59 €	524,97 €	499,32 €	389,88 €	42,75 €	376,20 €
C5	20.042,96 €	16.821,77 €	15.696,91 €	14.929,96 €	11.657,64 €	1.278,25 €	11.248,60 €
C500	752,64 €	631,68 €	589,44 €	560,64 €	437,76 €	48,00 €	422,40 €
C501	752,64 €	631,68 €	589,44 €	560,64 €	437,76 €	48,00 €	422,40 €
C510	682,08 €	572,46 €	534,18 €	508,08 €	396,72 €	43,50 €	382,80 €
C525	729,12 €	611,94 €	571,02 €	543,12 €	424,08 €	46,50 €	409,20 €
C550	897,68 €	753,41 €	703,03 €	668,68 €	522,12 €	57,25 €	503,80 €
C55B	897,68 €	753,41 €	703,03 €	668,68 €	522,12 €	57,25 €	503,80 €
C551	897,68 €	753,41 €	703,03 €	668,68 €	522,12 €	57,25 €	503,80 €
C560	964,32 €	809,34 €	755,22 €	718,32 €	560,88 €	61,50 €	541,20 €
C56X	1.054,48 €	885,01 €	825,83 €	785,48 €	613,32 €	67,25 €	591,80 €
C650	897,68 €	753,41 €	703,03 €	668,68 €	522,12 €	57,25 €	503,80 €
C680	1.466,08 €	1.230,46 €	1.148,18 €	1.092,08 €	852,72 €	93,50 €	822,80 €
C68A	1.646,40 €	1.381,80 €	1.289,40 €	1.226,40 €	957,60 €	105,00 €	924,00 €
C700	1.834,56 €	1.539,72 €	1.436,76 €	1.366,56 €	1.067,04 €	117,00 €	1.029,60 €
C750	1.681,68 €	1.411,41 €	1.317,03 €	1.252,68 €	978,12 €	107,25 €	943,80 €
C9	3.904,32 €	3.276,84 €	3.057,72 €	2.908,32 €	2.270,88 €	249,00 €	2.191,20 €
CL30	1.595,44 €	1.339,03 €	1.249,49 €	1.188,44 €	927,96 €	101,75 €	895,40 €
CL35	1.720,88 €	1.444,31 €	1.347,73 €	1.281,88 €	1.000,92 €	109,75 €	965,80 €
CL60	1.607,20 €	1.348,90 €	1.258,70 €	1.197,20 €	934,80 €	102,50 €	902,00 €
CL85	2.226,56 €	1.868,72 €	1.743,76 €	1.658,56 €	1.295,04 €	142,00 €	1.249,60 €
CN35	2.163,84 €	1.816,08 €	1.694,64 €	1.611,84 €	1.258,56 €	138,00 €	1.214,40 €
CONC	6.232,80 €	5.231,10 €	4.881,30 €	4.642,80 €	3.625,20 €	397,50 €	3.498,00 €
CONI	5.088,16 €	4.270,42 €	3.984,86 €	3.790,16 €	2.959,44 €	324,50 €	2.855,60 €
CRJ1	2.234,40 €	1.875,30 €	1.749,90 €	1.664,40 €	1.299,60 €	142,50 €	1.254,00 €
CRJ2	2.234,40 €	1.875,30 €	1.749,90 €	1.664,40 €	1.299,60 €	142,50 €	1.254,00 €
CRJ7	2.979,20 €	2.500,40 €	2.333,20 €	2.219,20 €	1.732,80 €	190,00 €	1.672,00 €
CRJ9	3.531,92 €	2.964,29 €	2.766,07 €	2.630,92 €	2.054,28 €	225,25 €	1.982,20 €
CRJX	4.025,84 €	3.378,83 €	3.152,89 €	2.998,84 €	2.341,56 €	256,75 €	2.259,40 €
CS10	4.692,24 €	3.938,13 €	3.674,79 €	3.495,24 €	2.729,16 €	299,25 €	2.633,40 €
CS30	5.229,28 €	4.388,86 €	4.095,38 €	3.895,28 €	3.041,52 €	333,50 €	2.934,80 €
D228	1.105,44 €	927,78 €	865,74 €	823,44 €	642,96 €	70,50 €	620,40 €
D328	1.752,24 €	1.470,63 €	1.372,29 €	1.305,24 €	1.019,16 €	111,75 €	983,40 €
D32J	1.752,24 €	1.470,63 €	1.372,29 €	1.305,24 €	1.019,16 €	111,75 €	983,40 €
DA22	305,76 €	256,62 €	239,46 €	227,76 €	177,84 €	19,50 €	171,60 €
DA42	454,72 €	381,64 €	356,12 €	338,72 €	264,48 €	29,00 €	255,20 €
DC10	10.964,24 €	9.202,13 €	8.586,79 €	8.167,24 €	6.377,16 €	699,25 €	6.153,40 €
DC3	2.238,32 €	1.878,59 €	1.752,97 €	1.667,32 €	1.301,88 €	142,75 €	1.256,20 €
DC8	10.156,72 €	8.524,39 €	7.954,37 €	7.565,72 €	5.907,48 €	647,75 €	5.700,20 €
DC9	4.558,96 €	3.826,27 €	3.570,41 €	3.395,96 €	2.651,64 €	290,75 €	2.558,60 €
DC91	3.414,32 €	2.865,59 €	2.673,97 €	2.543,32 €	1.985,88 €	217,75 €	1.916,20 €
DC92	3.563,28 €	2.990,61 €	2.790,63 €	2.654,28 €	2.072,52 €	227,25 €	1.999,80 €
DC93	4.072,88 €	3.418,31 €	3.189,73 €	3.033,88 €	2.368,92 €	259,75 €	2.285,80 €
DC94	4.280,64 €	3.592,68 €	3.352,44 €	3.188,64 €	2.489,76 €	273,00 €	2.402,40 €
DC95	4.558,96 €	3.826,27 €	3.570,41 €	3.395,96 €	2.651,64 €	290,75 €	2.558,60 €

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DH8A	2.265,76 €	1.901,62 €	1.774,46 €	1.687,76 €	1.317,84 €	144,50 €	1.271,60 €
DH8B	2.265,76 €	1.901,62 €	1.774,46 €	1.687,76 €	1.317,84 €	144,50 €	1.271,60 €
DH8C	2.791,04 €	2.342,48 €	2.185,84 €	2.079,04 €	1.623,36 €	178,00 €	1.566,40 €
DH8D	3.676,96 €	3.086,02 €	2.879,66 €	2.738,96 €	2.138,64 €	234,50 €	2.063,60 €
DHC2	537,04 €	450,73 €	420,59 €	400,04 €	312,36 €	34,25 €	301,40 €
DHC6	1.172,08 €	983,71 €	917,93 €	873,08 €	681,72 €	74,75 €	657,80 €
DHC7	2.740,08 €	2.299,71 €	2.145,93 €	2.041,08 €	1.593,72 €	174,75 €	1.537,80 €
E110	850,64 €	713,93 €	666,19 €	633,64 €	494,76 €	54,25 €	477,40 €
E120	1.552,32 €	1.302,84 €	1.215,72 €	1.156,32 €	902,88 €	99,00 €	871,20 €
E121	697,76 €	585,62 €	546,46 €	519,76 €	405,84 €	44,50 €	391,60 €
E135	2.081,52 €	1.746,99 €	1.630,17 €	1.550,52 €	1.210,68 €	132,75 €	1.168,20 €
E140	2.246,16 €	1.885,17 €	1.759,11 €	1.673,16 €	1.306,44 €	143,25 €	1.260,60 €
E145	2.355,92 €	1.977,29 €	1.845,07 €	1.754,92 €	1.370,28 €	150,25 €	1.322,20 €
E170	3.045,84 €	2.556,33 €	2.385,39 €	2.268,84 €	1.771,56 €	194,25 €	1.709,40 €
E175	3.230,08 €	2.710,96 €	2.529,68 €	2.406,08 €	1.878,72 €	206,00 €	1.812,80 €
E190	4.096,40 €	3.438,05 €	3.208,15 €	3.051,40 €	2.382,60 €	261,25 €	2.299,00 €
E195	4.370,80 €	3.668,35 €	3.423,05 €	3.255,80 €	2.542,20 €	278,75 €	2.453,00 €
E19X	4.370,80 €	3.668,35 €	3.423,05 €	3.255,80 €	2.542,20 €	278,75 €	2.453,00 €
E275	3.935,68 €	3.303,16 €	3.082,28 €	2.931,68 €	2.289,12 €	251,00 €	2.208,80 €
E290	4.790,24 €	4.020,38 €	3.751,54 €	3.568,24 €	2.786,16 €	305,50 €	2.688,40 €
E295	5.711,44 €	4.793,53 €	4.472,99 €	4.254,44 €	3.321,96 €	364,25 €	3.205,40 €
E35L	2.195,20 €	1.842,40 €	1.719,20 €	1.635,20 €	1.276,80 €	140,00 €	1.232,00 €
E45X	2.461,76 €	2.066,12 €	1.927,96 €	1.833,76 €	1.431,84 €	157,00 €	1.381,60 €
E50P	615,44 €	516,53 €	481,99 €	458,44 €	357,96 €	39,25 €	345,40 €
E545	1.520,96 €	1.276,52 €	1.191,16 €	1.132,96 €	884,64 €	97,00 €	853,60 €
E550	1.630,72 €	1.368,64 €	1.277,12 €	1.214,72 €	948,48 €	104,00 €	915,20 €
E55P	1.011,36 €	848,82 €	792,06 €	753,36 €	588,24 €	64,50 €	567,60 €
E75L	3.935,68 €	3.303,16 €	3.082,28 €	2.931,68 €	2.289,12 €	251,00 €	2.208,80 €
E75S	3.230,08 €	2.710,96 €	2.529,68 €	2.406,08 €	1.878,72 €	206,00 €	1.812,80 €
EA50	435,12 €	365,19 €	340,77 €	324,12 €	253,08 €	27,75 €	244,20 €
EUFI	686,00 €	575,75 €	537,25 €	511,00 €	399,00 €	43,75 €	385,00 €
EXPL	486,08 €	407,96 €	380,68 €	362,08 €	282,72 €	31,00 €	272,80 €
F100	3.920,00 €	3.290,00 €	3.070,00 €	2.920,00 €	2.280,00 €	250,00 €	2.200,00 €
F200	1.536,64 €	1.289,68 €	1.203,44 €	1.144,64 €	893,76 €	98,00 €	862,40 €
F27	2.900,80 €	2.434,60 €	2.271,80 €	2.160,80 €	1.687,20 €	185,00 €	1.628,00 €
F28	2.920,40 €	2.451,05 €	2.287,15 €	2.175,40 €	1.698,60 €	186,25 €	1.639,00 €
F2TH	1.536,64 €	1.289,68 €	1.203,44 €	1.144,64 €	893,76 €	98,00 €	862,40 €
F406	701,68 €	588,91 €	549,53 €	522,68 €	408,12 €	44,75 €	393,80 €
F50	2.877,28 €	2.414,86 €	2.253,38 €	2.143,28 €	1.673,52 €	183,50 €	1.614,80 €
F60	2.877,28 €	2.414,86 €	2.253,38 €	2.143,28 €	1.673,52 €	183,50 €	1.614,80 €
F70	3.402,56 €	2.855,72 €	2.664,76 €	2.534,56 €	1.979,04 €	217,00 €	1.909,60 €
F900	1.536,64 €	1.289,68 €	1.203,44 €	1.144,64 €	893,76 €	98,00 €	862,40 €
FA10	713,44 €	598,78 €	558,74 €	531,44 €	414,96 €	45,50 €	400,40 €
FA20	1.097,60 €	921,20 €	859,60 €	817,60 €	638,40 €	70,00 €	616,00 €
FA50	1.379,84 €	1.158,08 €	1.080,64 €	1.027,84 €	802,56 €	88,00 €	774,40 €
FA70	2.383,36 €	2.000,32 €	1.866,56 €	1.775,36 €	1.386,24 €	152,00 €	1.337,60 €
FA7X	2.371,60 €	1.990,45 €	1.857,35 €	1.766,60 €	1.379,40 €	151,25 €	1.331,00 €
FA8X	2.520,56 €	2.115,47 €	1.974,01 €	1.877,56 €	1.466,04 €	160,75 €	1.414,60 €
FA9	1.544,48 €	1.296,26 €	1.209,58 €	1.150,48 €	898,32 €	98,50 €	866,80 €
G100	1.113,28 €	934,36 €	871,88 €	829,28 €	647,52 €	71,00 €	624,80 €
G150	1.152,48 €	967,26 €	902,58 €	858,48 €	670,32 €	73,50 €	646,80 €

A/C Type	Base-factor Flatfee COLD 1 < 200 Starts	Base-factor Flatfee COLD 200 < 500 Starts	Base-factor Flatfee COLD 500 < 1.000 Starts	Base-factor Flatfee COLD 1.000 < 20.000 Starts	Base-factor Flatfee COLD > 20.000 Starts	Event COLD	Event Non-COLD
G159	2.156,00 €	1.809,50 €	1.688,50 €	1.606,00 €	1.254,00 €	137,50 €	1.210,00 €
G200	1.317,12 €	1.105,44 €	1.031,52 €	981,12 €	766,08 €	84,00 €	739,20 €
G280	1.528,80 €	1.283,10 €	1.197,30 €	1.138,80 €	889,20 €	97,50 €	858,00 €
G450	2.532,32 €	2.125,34 €	1.983,22 €	1.886,32 €	1.472,88 €	161,50 €	1.421,20 €
G550	3.292,80 €	2.763,60 €	2.578,80 €	2.452,80 €	1.915,20 €	210,00 €	1.848,00 €
GA5C	2.892,96 €	2.428,02 €	2.265,66 €	2.154,96 €	1.682,64 €	184,50 €	1.623,60 €
GA6C	3.296,72 €	2.766,89 €	2.581,87 €	2.455,72 €	1.917,48 €	210,25 €	1.850,20 €
GALX	1.313,20 €	1.102,15 €	1.028,45 €	978,20 €	763,80 €	83,75 €	737,00 €
GELX	3.398,64 €	2.852,43 €	2.661,69 €	2.531,64 €	1.976,76 €	216,75 €	1.907,40 €
GEX	3.398,64 €	2.852,43 €	2.661,69 €	2.531,64 €	1.976,76 €	216,75 €	1.907,40 €
GL5T	3.308,48 €	2.776,76 €	2.591,08 €	2.464,48 €	1.924,32 €	211,00 €	1.856,80 €
GL6T	3.398,64 €	2.852,43 €	2.661,69 €	2.531,64 €	1.976,76 €	216,75 €	1.907,40 €
GL7T	4.210,08 €	3.533,46 €	3.297,18 €	3.136,08 €	2.448,72 €	268,50 €	2.362,80 €
GLEX	3.398,64 €	2.852,43 €	2.661,69 €	2.531,64 €	1.976,76 €	216,75 €	1.907,40 €
GLF2	2.007,04 €	1.684,48 €	1.571,84 €	1.495,04 €	1.167,36 €	128,00 €	1.126,40 €
GLF3	2.371,60 €	1.990,45 €	1.857,35 €	1.766,60 €	1.379,40 €	151,25 €	1.331,00 €
GLF4	2.536,24 €	2.128,63 €	1.986,29 €	1.889,24 €	1.475,16 €	161,75 €	1.423,40 €
GLF5	2.892,96 €	2.428,02 €	2.265,66 €	2.154,96 €	1.682,64 €	184,50 €	1.623,60 €
GLF6	3.622,08 €	3.039,96 €	2.836,68 €	2.698,08 €	2.106,72 €	231,00 €	2.032,80 €
H25	1.007,44 €	845,53 €	788,99 €	750,44 €	585,96 €	64,25 €	565,40 €
H25A	874,16 €	733,67 €	684,61 €	651,16 €	508,44 €	55,75 €	490,60 €
H25B	1.015,28 €	852,11 €	795,13 €	756,28 €	590,52 €	64,75 €	569,80 €
H25C	1.015,28 €	852,11 €	795,13 €	756,28 €	590,52 €	64,75 €	569,80 €
HA4T	1.571,92 €	1.319,29 €	1.231,07 €	1.170,92 €	914,28 €	100,25 €	882,20 €
I114	3.163,44 €	2.655,03 €	2.477,49 €	2.356,44 €	1.839,96 €	201,75 €	1.775,40 €
IL18	5.264,56 €	4.418,47 €	4.123,01 €	3.921,56 €	3.062,04 €	335,75 €	2.954,60 €
IL62	9.008,16 €	7.560,42 €	7.054,86 €	6.710,16 €	5.239,44 €	574,50 €	5.055,60 €
IL76	9.223,76 €	7.741,37 €	7.223,71 €	6.870,76 €	5.364,84 €	588,25 €	5.176,60 €
IL86	11.313,12 €	9.494,94 €	8.860,02 €	8.427,12 €	6.580,08 €	721,50 €	6.349,20 €
IL96	13.073,20 €	10.972,15 €	10.238,45 €	9.738,20 €	7.603,80 €	833,75 €	7.337,00 €
J328	1.752,24 €	1.470,63 €	1.372,29 €	1.305,24 €	1.019,16 €	111,75 €	983,40 €
JS31	897,68 €	753,41 €	703,03 €	668,68 €	522,12 €	57,25 €	503,80 €
JS32	897,68 €	753,41 €	703,03 €	668,68 €	522,12 €	57,25 €	503,80 €
JS41	1.391,60 €	1.167,95 €	1.089,85 €	1.036,60 €	809,40 €	88,75 €	781,00 €
JU52	2.171,68 €	1.822,66 €	1.700,78 €	1.617,68 €	1.263,12 €	138,50 €	1.218,80 €
K35R	6.526,80 €	5.477,85 €	5.111,55 €	4.861,80 €	3.796,20 €	416,25 €	3.663,00 €
L101	10.642,80 €	8.932,35 €	8.335,05 €	7.927,80 €	6.190,20 €	678,75 €	5.973,00 €
L188	3.774,96 €	3.168,27 €	2.956,41 €	2.811,96 €	2.195,64 €	240,75 €	2.118,60 €
L410	1.136,80 €	954,10 €	890,30 €	846,80 €	661,20 €	72,50 €	638,00 €
L420	1.136,80 €	954,10 €	890,30 €	846,80 €	661,20 €	72,50 €	638,00 €
L45	1.011,36 €	848,82 €	792,06 €	753,36 €	588,24 €	64,50 €	567,60 €
L49	5.088,16 €	4.270,42 €	3.984,86 €	3.790,16 €	2.959,44 €	324,50 €	2.855,60 €
L60	482,16 €	404,67 €	377,61 €	359,16 €	280,44 €	30,75 €	270,60 €
L610	2.148,16 €	1.802,92 €	1.682,36 €	1.600,16 €	1.249,44 €	137,00 €	1.205,60 €
LJ31	784,00 €	658,00 €	614,00 €	584,00 €	456,00 €	50,00 €	440,00 €
LJ35	705,60 €	592,20 €	552,60 €	525,60 €	410,40 €	45,00 €	396,00 €
LJ36	705,60 €	592,20 €	552,60 €	525,60 €	410,40 €	45,00 €	396,00 €
LJ40	987,84 €	829,08 €	773,64 €	735,84 €	574,56 €	63,00 €	554,40 €
LJ45	1.011,36 €	848,82 €	792,06 €	753,36 €	588,24 €	64,50 €	567,60 €
LJ55	882,00 €	740,25 €	690,75 €	657,00 €	513,00 €	56,25 €	495,00 €
LJ60	940,80 €	789,60 €	736,80 €	700,80 €	547,20 €	60,00 €	528,00 €
LJ70	1.030,96 €	865,27 €	807,41 €	767,96 €	599,64 €	65,75 €	578,60 €

A/C Type	Base-factor Flatfee COLD 1 < 200 Starts	Base-factor Flatfee COLD 200 < 500 Starts	Base-factor Flatfee COLD 500 < 1.000 Starts	Base-factor Flatfee COLD 1.000 < 20.000 Starts	Base-factor Flatfee COLD > 20.000 Starts	Event COLD	Event Non-COLD
LJ75	1.074,08 €	901,46 €	841,18 €	800,08 €	624,72 €	68,50 €	602,80 €
LJ85	1.528,80 €	1.283,10 €	1.197,30 €	1.138,80 €	889,20 €	97,50 €	858,00 €
M20P	325,36 €	273,07 €	254,81 €	242,36 €	189,24 €	20,75 €	182,60 €
MD11	12.418,56 €	10.422,72 €	9.725,76 €	9.250,56 €	7.223,04 €	792,00 €	6.969,60 €
MD80	5.817,28 €	4.882,36 €	4.555,88 €	4.333,28 €	3.383,52 €	371,00 €	3.264,80 €
MD81	5.817,28 €	4.882,36 €	4.555,88 €	4.333,28 €	3.383,52 €	371,00 €	3.264,80 €
MD82	5.813,36 €	4.879,07 €	4.552,81 €	4.330,36 €	3.381,24 €	370,75 €	3.262,60 €
MD83	5.813,36 €	4.879,07 €	4.552,81 €	4.330,36 €	3.381,24 €	370,75 €	3.262,60 €
MD87	5.123,44 €	4.300,03 €	4.012,49 €	3.816,44 €	2.979,96 €	326,75 €	2.875,40 €
MD90	6.009,36 €	5.043,57 €	4.706,31 €	4.476,36 €	3.495,24 €	383,25 €	3.372,60 €
MU2	564,48 €	473,76 €	442,08 €	420,48 €	328,32 €	36,00 €	316,80 €
N262	1.646,40 €	1.381,80 €	1.289,40 €	1.226,40 €	957,60 €	105,00 €	924,00 €
P180	795,76 €	667,87 €	623,21 €	592,76 €	462,84 €	50,75 €	446,60 €
P28A	356,72 €	299,39 €	279,37 €	265,72 €	207,48 €	22,75 €	200,20 €
P28T	356,72 €	299,39 €	279,37 €	265,72 €	207,48 €	22,75 €	200,20 €
P3	4.241,44 €	3.559,78 €	3.321,74 €	3.159,44 €	2.466,96 €	270,50 €	2.380,40 €
P46T	446,88 €	375,06 €	349,98 €	332,88 €	259,92 €	28,50 €	250,80 €
PA27	427,28 €	358,61 €	334,63 €	318,28 €	248,52 €	27,25 €	239,80 €
PA28	317,52 €	266,49 €	248,67 €	236,52 €	184,68 €	20,25 €	178,20 €
PA31	486,08 €	407,96 €	380,68 €	362,08 €	282,72 €	31,00 €	272,80 €
PA34	411,60 €	345,45 €	322,35 €	306,60 €	239,40 €	26,25 €	231,00 €
PA42	756,56 €	634,97 €	592,51 €	563,56 €	440,04 €	48,25 €	424,60 €
PA46	450,80 €	378,35 €	353,05 €	335,80 €	262,20 €	28,75 €	253,00 €
PAY1	486,08 €	407,96 €	380,68 €	362,08 €	282,72 €	31,00 €	272,80 €
PAY2	513,52 €	430,99 €	402,17 €	382,52 €	298,68 €	32,75 €	288,20 €
PAY4	756,56 €	634,97 €	592,51 €	563,56 €	440,04 €	48,25 €	424,60 €
PC12	921,20 €	773,15 €	721,45 €	686,20 €	535,80 €	58,75 €	517,00 €
PC24	1.121,12 €	940,94 €	878,02 €	835,12 €	652,08 €	71,50 €	629,20 €
PC6P	607,60 €	509,95 €	475,85 €	452,60 €	353,40 €	38,75 €	341,00 €
PRM	752,64 €	631,68 €	589,44 €	560,64 €	437,76 €	48,00 €	422,40 €
PRM1	752,64 €	631,68 €	589,44 €	560,64 €	437,76 €	48,00 €	422,40 €
R722	6.095,60 €	5.115,95 €	4.773,85 €	4.540,60 €	3.545,40 €	388,75 €	3.421,00 €
RJ1H	3.206,56 €	2.691,22 €	2.511,26 €	2.388,56 €	1.865,04 €	204,50 €	1.799,60 €
RJ70	2.712,64 €	2.276,68 €	2.124,44 €	2.020,64 €	1.577,76 €	173,00 €	1.522,40 €
RJ85	2.959,60 €	2.483,95 €	2.317,85 €	2.204,60 €	1.721,40 €	188,75 €	1.661,00 €
S210	4.449,20 €	3.734,15 €	3.484,45 €	3.314,20 €	2.587,80 €	283,75 €	2.497,00 €
SATA	384,16 €	322,42 €	300,86 €	286,16 €	223,44 €	24,50 €	215,60 €
SB20	2.646,00 €	2.220,75 €	2.072,25 €	1.971,00 €	1.539,00 €	168,75 €	1.485,00 €
SBR1	760,48 €	638,26 €	595,58 €	566,48 €	442,32 €	48,50 €	426,80 €
SF34	1.658,16 €	1.391,67 €	1.298,61 €	1.235,16 €	964,44 €	105,75 €	930,60 €
SH33	1.583,68 €	1.329,16 €	1.240,28 €	1.179,68 €	921,12 €	101,00 €	888,80 €
SH36	1.928,64 €	1.618,68 €	1.510,44 €	1.436,64 €	1.121,76 €	123,00 €	1.082,40 €
SR20	333,20 €	279,65 €	260,95 €	248,20 €	193,80 €	21,25 €	187,00 €
SR22	337,12 €	282,94 €	264,02 €	251,12 €	196,08 €	21,50 €	189,20 €
SU95	3.257,52 €	2.733,99 €	2.551,17 €	2.426,52 €	1.894,68 €	207,75 €	1.828,20 €
SW3	713,44 €	598,78 €	558,74 €	531,44 €	414,96 €	45,50 €	400,40 €
SW4	1.230,88 €	1.033,06 €	963,98 €	916,88 €	715,92 €	78,50 €	690,80 €
SWM	1.234,80 €	1.036,35 €	967,05 €	919,80 €	718,20 €	78,75 €	693,00 €
T134	4.217,92 €	3.540,04 €	3.303,32 €	3.141,92 €	2.453,28 €	269,00 €	2.367,20 €
T154	7.059,92 €	5.925,29 €	5.529,07 €	5.258,92 €	4.106,28 €	450,25 €	3.962,20 €
T204	7.589,12 €	6.369,44 €	5.943,52 €	5.653,12 €	4.414,08 €	484,00 €	4.259,20 €
TBM7	529,20 €	444,15 €	414,45 €	394,20 €	307,80 €	33,75 €	297,00 €
TBM8	529,20 €	444,15 €	414,45 €	394,20 €	307,80 €	33,75 €	297,00 €

3.5 Contamination Checks

Contamination checks and hands on checks (tactile check) are offered on request of the airlines before and after deicing.

Visual contamination checks before and after deicing are included in each deicing event price.

All available checks and prices:

Checks			deicing remote		deicing on stand		no deicing	
			COLD	Non-COLD	COLD	Non-COLD	COLD	Non-COLD
Contamination check visual	on stand	pre-deicing	91 €	212 €	included		91 €	212 €
		post-deicing	n/a		included		n/a	
	remote	pre-deicing	included		n/a		91 €*	212 €
		post-deicing	included		n/a		n/a	
Hands on check tactile	on stand	pre-deicing	91 €	212 €	91 €	212 €	91 €	212 €
		post-deicing	n/a		91 €	212 €	n/a	
	remote	pre-deicing	91 €	212 €	n/a		91 €	212 €
		post-deicing	91 €	212 €	n/a		n/a	

* included during ongoing deicing operation on the deicing pads where the contamination check visual is requested

Sample how to read the table: contamination check on stand is ordered and done pre-deicing, afterwards deicing is done remote (instead of on stand), so the contamination check on stand pre-deicing is charged. Post-deicing on stand is not possible in this case, for the deicing is done remote.

4 Air conditioning / Fan Blade deicing / Sweeping of jet engine

Price per 15 minutes (or part thereof) per device used: 114,00 €.

For an offer concerning a higher number of services p.a. please contact us.

5 Lifter

Price per 15 minutes (or part thereof) per device used: 89,00 €

6 Lending of towbars

Price per day: 317,00 €

Hourly lending is not available.

7 Additional Services

Services that require additional personnel as well as additional vehicles (excluding towing tractors) are charged 97 € per event for the first 30 minutes, followed by 65 € per 15 min.

8 Appendix

- Allgemeine Geschäftsbedingungen für Flugzeugschleppen und sonstige Dienstleistungen, durchgeführt von der EFM – Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH als Auftragnehmer (AGB) / Standard Terms of Aircraft Towing and Other Services performed by EFM - Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH as the Handling Company
- Standard Conditions for Aircraft De-/Anti-Icing Services at Munich Airport

ALLGEMEINE GESCHÄFTSBEDINGUNGEN FÜR FLUGZEUGSCHLEPPEN UND –ENTEISEN UND SONSTIGE DIENSTLEISTUNGEN, durchgeführt von der EFM - Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH
GENERAL TERMS AND CONDITIONS OF AIRCRAFT TOWING AND DEICING AND OTHER SERVICES performed by EFM - Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH

1. Durchführung von Flugzeugschlepps und anderen Leistungen

- 1.1. Auf Veranlassung des Auftraggebers führt EFM Flugzeugenteisungen, Flugzeugschlepps und andere, umseitig spezifizierte Leistungen durch.
- 1.2. Die Durchführung von Flugzeugschlepps richtet sich nach Teil I, Abschnitt 2.3. der Flughafenbenutzungsordnung.
- 1.3. Die Durchführung von Flugzeugenteisungen richtet sich nach Teil II, Abschnitte 2.5.5 und 2.8 der Flughafenbenutzungsordnung und erfolgt unter Beachtung der weltweiten Standards für Flugzeugenteisungen gemäß ICAO/IATA/SAE AS 6285, 6286, 6332. Die eingesetzten Enteisungsfüssigkeiten entsprechen den internationalen Standards SAE AMS 1424 bzw. 1428.
- 1.4. Der „After Anti-Icing Check“ wird grundsätzlich als visuelle Kontrolle durchgeführt. Andere Überprüfungsverfahren (z.B. „hands-on“) werden nur auf ausdrücklichen Wunsch des Auftraggebers angewendet.
- 1.5. Sofern nicht schriftlich anders vereinbart, findet die am Tag der Leistungserbringung gültige Preisliste der EFM Anwendung. Sonn- und Feiertagszuschläge werden nicht erhoben.

2. Voraussetzungen der Leistungserbringung

- 2.1. EFM ist nur verpflichtet, bestellte Leistungen im Rahmen ihrer Möglichkeiten zu erbringen.
- 2.2. EFM wird von der Verpflichtung zur Leistung frei, wenn sie dem Auftraggeber unverzüglich mitteilt, dass sie aus einem der folgenden Gründe zur Leistungserbringung nicht in der Lage ist:
 - arbeitsrechtliche Auseinandersetzungen, die Streiks und sonstige Arbeitsniederlegungen einschließen oder
 - höhere Gewalt oder andere Ursachen, die für EFM nicht beeinflussbar sind.

3. Zahlungsbedingungen

- 3.1. Die Rechnungslegung kann durch EFM, ein von dieser beauftragtes Inkassobüro oder die Flughafen München GmbH erfolgen.
- 3.2. Der gesamte Rechnungsbetrag wird mit Erhalt der Rechnung fällig und ist sofort und ohne Abzüge zahlbar. Der Auftraggeber gerät in Verzug, wenn er fällige Zahlungen nicht spätestens 14 Tage nach Zugang der Rechnung oder einer gleichwertigen Zahlungsaufforderung begleicht. Ist der Auftraggeber mit der Zahlung in Verzug, so werden Verzugszinsen fällig, deren Höhe sich nach § 288 Abs. 2 BGB richtet.
- 3.3. Beschwerden sind spätestens 30 Tage nach Rechnungslegung in schriftlicher Form mitzuteilen. Nach ungenutztem Verstreichen dieser Frist gilt die Rechnung als uneingeschränkt genehmigt durch den Auftraggeber.
- 3.4. EFM ist berechtigt, Vorauszahlungen bis zur vollen Höhe des voraussichtlichen Rechnungsbetrages zu verlangen. Diese sind vor Leistungserbringung zu bewirken. Überzahlungen werden erstattet, Unterzahlungen werden nachberechnet.
- 3.5. Sofern schriftlich nicht anders vereinbart, sind Zahlungen ausschließlich in EURO (€) und auf eines der in der Rechnung angegebenen Bankkonten zu leisten.
- 3.6. Der Auftraggeber ist zur Aufrechnung mit eigenen Forderungen oder zur Geltendmachung von Zurückbehaltungsrechten nicht berechtigt, soweit solche Ansprüche nicht von EFM anerkannt oder von einem zuständigen Gericht rechtskräftig festgestellt wurden.

4. Haftung und Schadenersatz

- 4.1. Bei fahrlässig verursachten Sach- und Vermögensschäden haften EFM und ihre Erfüllungsgehilfen nur bei Verletzung einer wesentlichen Vertragspflicht, jedoch beschränkt auf die bei Vertragsschluss vorhersehbaren und vertragstypischen Schäden; wesentliche Vertragspflichten sind solche, durch deren Erfüllung der Vertrag geprägt ist und auf deren Einhaltung der Auftraggeber regelmäßig vertraut und vertrauen darf. Im Falle einer Flugzeugbeschädigung haftet EFM auch für vorhersehbare und vertragstypische Schäden nur in der Höhe, in der vom Auftraggeber oder vom Flugzeugeigentümer keine Leistungen aus einer ggf. für das Flugzeug bestehenden Sachversicherung beansprucht werden können.
- 4.2. Unter den gleichen Voraussetzungen und im selben Umfang werden EFM, ihre Mitarbeiter und sonstigen Erfüllungsgehilfen durch den Auftraggeber auch von jeglichen Ansprüchen Dritter freigestellt, die im Zusammenhang mit der umseitig beschriebenen Leistung geltend gemacht werden.
- 4.3. Datenschutzrechtliche Anspruchsgrundlagen werden von den vorstehenden Haftungsbeschränkungen nicht erfasst.

5. Allgemeine Bestimmungen

- 5.1. Gerichtsstand für alle aus diesem Vertrag entstehenden Ansprüche und Streitigkeiten ist München, Bundesrepublik Deutschland.
- 5.2. Für Anwendung, Beurteilung und Auslegung dieses Vertrags und alle daraus entstehenden Streitigkeiten und Ansprüche gilt das Recht der Bundesrepublik Deutschland.

6. Anwendbarkeit und Teilnichtigkeit

- 6.1. Diese Allgemeinen Geschäftsbedingungen der EFM sind auf alle umseitig beschriebenen Leistungen uneingeschränkt anwendbar und gehen jeglichen beim Auftraggeber bestehenden Regelungen vor. Vom Auftraggeber verwendete Allgemeine Geschäftsbedingungen finden keine Anwendung.
- 6.2. Sollten einzelne Bestimmungen dieses Vertrags oder Teile solcher Bestimmungen unwirksam sein, so bleiben die übrigen Bestimmungen, die gültigen Teile einzelner Bestimmungen und der Vertrag selbst hiervon unberührt.

1. Aircraft towing and other services

- 1.1. At the Principal's request, EFM carries out aircraft deicing, aircraft towing and other services specified on the reverse side.
- 1.2. Aircraft towing is carried out in accordance with Part I, Section 2.3 of the Airport User Regulations.
- 1.3. Aircraft deicing is carried out in accordance with Part II, Sections 2.5.5 and 2.8 of the Airport User Regulations and in compliance with the global aircraft de-icing standards pursuant to ICAO/IATA/SAE AS 6285, 6286, 6332. The de-icing fluids comply with the international standards SAE AMS 1424 and 1428.
- 1.4. In general, the post-deicing check is carried out as a visual check. Other methods (e.g. "hands-on") are applied only at the express request of the Principal.
- 1.5. Unless otherwise agreed in writing, EFM's price list in effect on the day of the service shall apply. There are no surcharges for Sunday or holiday services.

2. Requirements for performance of services

- 2.1. EFM is obliged to provide ordered services only to the best of its ability.
- 2.2. EFM is exempt from the obligation to provide services if it informs the Principal without delay that services cannot be provided for one of the following reasons:
 - labor conflicts, including strikes or other stoppages or
 - *force majeure* or other causes beyond EFM's control.

3. Terms of payment

- 3.1. The invoice can be issued by EFM, a collection agency acting on its behalf, or Flughafen München GmbH.
- 3.2. The full invoiced amount is due on receipt and shall be paid immediately without deductions. The Principal will be in arrears if payable amounts are not settled within 14 days of the receipt of the invoice or an equivalent request for payment. If the Principal is in arrears with the payment, then interest on arrears will be payable in accordance with Section 288 Par. 2 of the German Civil Code (BGB).
- 3.3. Any complaints must be submitted in writing within 30 days of invoicing. After the expiry of this deadline without submission of a complaint, the invoice will be deemed to be accepted by the Principal without qualification.
- 3.4. The Contract is authorized to demand advance payments up to the expected amount of the invoice. These payments must be made before services are provided. Excess payments will be reimbursed and negative differences will be subsequently invoiced.
- 3.5. Unless otherwise agreed in writing, payments must be made exclusively in euros (€) into one of the bank accounts indicated on the invoice.
- 3.6. The Principal is not authorized to offset invoiced amounts against its own claims or to assert the right to withhold payments unless such claims are recognized by EFM or by a court in a final ruling.

4. Liability and compensation for damages

- 4.1. In case of negligent damage to property or assets, EFM and its agents are liable only in case of a breach of a material contractual duty; liability in such cases is limited to foreseeable damages typical of the contractual relationship; material contractual duties are those that are integral to the Contract and which the Principal generally relies on and trusts EFM to perform. In case of damage to an aircraft, EFM is liable – even in case of foreseeable damages typical of the contractual relationship – only to the extent that the damage cannot be covered through claims by the Principal or the aircraft owner under property insurance coverage for the aircraft, if such coverage exists.
- 4.2. Under the same conditions and to the same extent, the Principal shall hold EFM, its employees and other agents harmless from any third-party claims asserted in connection with the services described on the reverse side.
- 4.3. Circumstances pertaining to claims under data protection laws are not covered by the above limitations on liability.

5. General provisions

- 5.1. The place of jurisdiction for any and all claims and disputes arising from this Contract is Munich in the Federal Republic of Germany.
- 5.2. For the application, assessment and interpretation of this Contract and all claims and disputes arising from it, the laws of the Federal Republic of Germany shall apply.

6. Applicability and partial invalidity

- 6.1. The above General Terms and Conditions of EFM are applicable to all services described on the reverse side and take precedence over any regulations of the Principal that may exist. General terms and conditions used by the Principal do not apply.
- 6.2. If individual provisions of this Contract or parts of such provisions prove ineffective, this shall have no effect on other provisions, the valid parts of individual provisions or the Contract itself.

Standard Conditions for Aircraft De-/Anti-Icing Services at Munich Airport performed by EFM - Gesellschaft für Enteisen und Flugzeugschleppen am Flughafen München mbH - (Aircraft Deicing and Towing at Munich Airport), 85356 Munich Airport, RGS 5, Apron East
(hereinafter referred to as „The Handling Company“)

1 Provision of De-/Anti-Icing Services

- 1.1 The Handling Company shall perform de-/anti-icing services for the Carrier on special de-icing areas at Munich Airport according to the „Flughafenbenutzungsordnung“ (User Regulations of Munich Airport) part II, section 2.5.5 with appendix „Central Infrastructure Facilities“ and section 2.8.
- 1.2 Unless otherwise agreed in writing, Handling Company's price list for De-icing at Munich-Airport („Non-Cold“) valid at the time of performance of work shall apply. No extra charges shall be made to the Carrier for providing de-/anti-icing services on Sundays or on public holidays.

2 Standard of Work

- 2.1 Aircraft de-/anti-icing services shall be made available within the bounds of possibilities of the EFM. Services to be performed are in accordance with Part II, Sections 2.5.5 and 2.8 of the Airport User Regulations and in compliance with the global aircraft de-icing standards pursuant to ICAO/IATA/SAE AS 6285, 6286, 6332. The de-icing fluids comply with the international standards SAE AMS 1424 and 1428.
- ICAO/IATA/SAE AS 6286 does not specify requirements for particular aeroplane model types. Particular airline or aircraft manufacturer published manuals, procedures or methods supplement the information contained in this International Standard. This additional information shall be provided by the Carrier.
- Regarding the aircraft related limits, the application of de-/anti-icing fluid shall be in accordance with the guidelines of the airframe/engine manufacturers. These guidelines shall be provided by the Carrier.
- 2.2 The after anti-icing check will be performed by visual inspection only and is excluding any inspection by touch. If any other inspections than visual become essential these must be initiated by the Carrier.
- 2.3 The Handling Company shall be exempt from obligation, if prompt notification is given, in respect of any failure to perform its obligations under these Conditions arising from
- labour disputes involving complete or partial stoppage of work or delay in the performance of work; or
 - force majeure or any other cause beyond control of the Handling Company.
- 2.4 Sequence for de-/anti-icing services is given by Air Traffic Control and cannot be influenced by the Handling Company.

3 Payments

- 3.1 The total amount invoiced for the services is due and immediately payable without any deduction upon submission of the invoice. If the Carrier is in default with the payment the Handling Company may, after a formal notice, demand and the Carrier agrees to pay interest at an annual rate of three (3) per cent above the discount rate of the German Federal Reserve Bank from due date.
- 3.2 Complaints regarding invoices must be made in writing not later than thirty (30) days after the invoice has been submitted (term of preclusion).
- 3.3 The Handling Company is entitled to demand advance payment up to the full estimated amount to be invoiced. Advance payments shall be effected before the redelivery of the subject matter. Over-collections will be refunded, under-collections will be invoiced.
- 3.4 Unless otherwise agreed upon in writing, payments must be made in Euro to one of the bank accounts stated on the invoice.
- 3.5 The Carrier is not entitled to set off any claims against the Handling Company's claims nor to claim a right of retention, unless such rights are acknowledged by the Handling Company or by the final decision of a competent court.
- 3.6 Settlement of invoices shall be effected through Flughafen München Gesellschaft (FMG), unless otherwise agreed between the Carrier and the Handling Company. Invoices may be settled by a collection agency on behalf of EFM.

4 Liability and Indemnity

- 4.1 The Handling Company, its personnel and its subcontractors shall not be liable towards the Carrier, except in cases of wilful misconduct or gross negligence of the Handling Company. This release by the Carrier includes any damage to or loss of property including any aircraft as well as bodily injury or death or other damages sustained by the Carrier.
- This provision shall apply for any such liabilities arising in any way in connection with the performance of work by the Handling Company or its subcontractors.
- 4.2 The Carrier shall indemnify and hold harmless the Handling Company, its personnel and its subcontractors from any and all liabilities of any third party arising in any way in connection with these standard conditions during or after the performance of work by the Handling Company.
- This indemnification shall not apply in cases of proven wilful misconduct or gross negligence of the Handling Company. These claims and liabilities include costs and expenses incident thereto as well as consequential damages.

5 General

- 5.1 The exclusive place of jurisdiction for any legal actions that should arise out of or in connection with these standard conditions shall be Munich.
- 5.2 The law of the Federal Republic of Germany shall apply.

6 Partial Nullity

In case of partial nullity of these conditions, both parties agree that such part or parts thereof which are not null shall remain in force.

7 Duration and Termination

The above-stated terms and conditions of the Handling Company are exclusive and take precedence over the terms and conditions of any other document of the Carrier concerning the services performed hereunder. General terms used by the Carrier cannot be applied.