



# ENERG

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Model Indoor unit **PLA-ZM100EA**  
Outdoor unit **PUHZ-SHW112YHA**

SEER



A+++

A++

A+

A

B

C

D

A

kW 10,0

SEER 5,5

kWh/annum 633

SCOP



A+++

A++

A+

A

B

C

D

A+

kW X 12,7 X

SCOP X 4,0 X

kWh/annum X 4420 X



61dB



69dB



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626/2011



| A | Model                              |                                           | B                 | Indoor unit  |                                  | PLA-ZM100EA         |              | PLA-ZM100EA         |              |  |
|---|------------------------------------|-------------------------------------------|-------------------|--------------|----------------------------------|---------------------|--------------|---------------------|--------------|--|
|   |                                    |                                           | C                 | Outdoor unit |                                  | PUHZ-SHW112VHA(-BS) |              | PUHZ-SHW112YHA(-BS) |              |  |
| D | Sound power levels on cooling mode |                                           | E                 | Inside       | dB                               | 61                  |              | 61                  |              |  |
|   |                                    |                                           | F                 | Out-side     | dB                               | 69                  |              | 69                  |              |  |
| G |                                    |                                           | Refrigerant       |              |                                  | R410A GWP 1975 *1   |              |                     |              |  |
| H | Cooling                            | SEER                                      |                   |              |                                  | 5,5                 |              | 5,5                 |              |  |
|   |                                    | J Energy efficiency class                 |                   |              |                                  | A                   |              | A                   |              |  |
|   |                                    | K Annual electricity consumption *2 kWh/a |                   |              |                                  | 633                 |              | 633                 |              |  |
|   |                                    | L Design load kWh                         |                   |              |                                  | 10,0                |              | 10,0                |              |  |
| M | Heating (Average season)           | SCOP                                      |                   |              |                                  | 4,0                 |              | 4,0                 |              |  |
|   |                                    | J Energy efficiency class                 |                   |              |                                  | A+                  |              | A+                  |              |  |
|   |                                    | K Annual electricity consumption *2 kWh/a |                   |              |                                  | 4420                |              | 4420                |              |  |
|   |                                    | L Design load kWh                         |                   |              |                                  | 12,7                |              | 12,7                |              |  |
|   |                                    | N                                         | De-cared capacity | P            | at reference de-sign temperature | kW                  | 11,2 (-10°C) |                     | 11,2 (-10°C) |  |
|   |                                    |                                           |                   | R            | at bivalent tem-perature         | kW                  | 11,2 (-7°C)  |                     | 11,2 (-7°C)  |  |
|   |                                    |                                           |                   | S            | at operation limit temperature   | kW                  | 9,3 (-25°C)  |                     | 9,3 (-25°C)  |  |
|   |                                    | T Back up heating capacity kWh            |                   |              |                                  | 1,5                 |              | 1,5                 |              |  |

|   | Deutsch                                                    | Italiano                                                | Svenska                                      | Polski                                         | Eesti                                          | Malti                                                 | Русский                                               |
|---|------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
|   | Français                                                   | Ελληνικά                                                | Česky                                        | Slovensko                                      | Gaeilge                                        | Suomi                                                 | Norsk                                                 |
|   | Nederlands                                                 | Português                                               | Slovensky                                    | Български                                      | Latviski                                       | Türkçe                                                | Українська                                            |
|   | Español                                                    | Dansk                                                   | Magyar                                       | Română                                         | Lietuvių k.                                    | Hrvatski                                              |                                                       |
| A | Modell                                                     | Modello                                                 | Modell                                       | Model                                          | Mudel                                          | Mudell                                                | Модель                                                |
|   | Modèle                                                     | Μοντέλο                                                 | Model                                        | Model                                          | Déanamh                                        | Malli                                                 | Modell                                                |
|   | Model                                                      | Modelo                                                  | Model                                        | Модел                                          | Modelis                                        | Model                                                 | Модель                                                |
|   | Modelo                                                     | Model                                                   | Modell                                       | Model                                          | Modelis                                        | Model                                                 |                                                       |
| B | Innengerät                                                 | Unità interna                                           | Inomhusenhet                                 | Jednostka wewnętrzna                           | Siseseade                                      | Unità għal ġewwa                                      | Внутренний прибор                                     |
|   | Appareil intérieur                                         | Εσωτερική μονάδα                                        | Vnitřní jednotka                             | Notranja enota                                 | Aonad laistigh                                 | Sisäyksikkö                                           | Innendørsenhet                                        |
|   | Binnenunit                                                 | Unidade interior                                        | Vnúťorná jednotka                            | Вътрешно тяло                                  | Iekštelpu ierīce                               | Iç ünite                                              | Внутрішній блок                                       |
|   | Unidad interior                                            | Indendørsenhed                                          | Beltéri egység                               | Unitate de interior                            | Patalpoje montuojamas įrenginys                | Unutarnja jedinica                                    |                                                       |
| C | Außengerät                                                 | Unità esterna                                           | Utomhusenhet                                 | Jednostka zewnętrzna                           | Välisseade                                     | Unità għal barra                                      | Наружный прибор                                       |
|   | Modèle extérieur                                           | Εξωτερική μονάδα                                        | Vnější jednotka                              | Zunanja enota                                  | Aonad lasmuigh                                 | Ulkoyksikkö                                           | Utendørsenhet                                         |
|   | Buitenunit                                                 | Unidade exterior                                        | Vonkájšia jednotka                           | Външно тяло                                    | Ārtelpas ierīce                                | Diş ünite                                             | Зовнішній блок                                        |
|   | Unidad exterior                                            | Udendørsenhed                                           | Kültéri egység                               | Unitate de exterior                            | Lauke montuojamas įrenginys                    | Vanjska jedinica                                      |                                                       |
| D | Schallleistungspegel im Kühlmodus                          | Livelli di potenza sonora in modalità di raffreddamento | Bullernivå i nedkylningsläget                | Poziom mocy dźwięku w trybie chłodzenia        | Müratasemed jahutusrežiimis                    | Livelli tal-qawwa tal-hsejjes fil-modalità tat-kessih | Значения уровня звуковой мощности в режиме охлаждения |
|   | Niveaux de puissance corrects en mode de refroidissement   | Επίπεδα ισχύος ήχου στην κατάσταση ψύξης                | Úrovně hluchnosti v režimu chlazení          | Ravni zvočne moči v načinu hlajenja            | Leibhéal chumhachta fuaim e ar mhodh fuaraithe | Äänenvoimakkuustasot viilen-nystilassa                | Lydtrykknivåer i avkjølingsmodus                      |
|   | Geluidsniveau in koelstand                                 | Níveis de potência sonora em modo de arrefecimento      | Hladiny akustického výkonu v režime chlazení | Нива на звуковата мощност в режим на охлаждане | Akustiskās jaudas līmenis dzesēšanas režīmā    | Soğutma modunda ses gücü düzeyleri                    | Рівні звукової потужності у режимі охолодження        |
|   | Niveles de potencia del sonido en el modo de refrigeración | Lydstyrkeniveauer i kølefunktion                        | Hangnyomásszintek hűtés üzem-módban          | Nivel sonor în modul de răcire                 | Garso galios lygis vėsinimo režimu             | Razine zvučnog tlaka pri hlađenju                     |                                                       |
| E | Innen                                                      | Interno                                                 | Insida                                       | Wewnętrz                                       | Sees                                           | Ġewwa                                                 | Внутри                                                |
|   | À l'intérieur                                              | Εσωτερικό                                               | Uvnitř                                       | Znotraj                                        | Laistigh                                       | Sisäpuoli                                             | Innvendig                                             |
|   | Binnenkant                                                 | Interior                                                | Vo vnutri                                    | Вътре                                          | Iekštelpās                                     | Iç taraf                                              | Усередині                                             |
|   | Interior                                                   | Indvendig                                               | Bent                                         | Interior                                       | Vidinis                                        | Unutra                                                |                                                       |
| F | Außen                                                      | Esterno                                                 | Utsida                                       | Na zewnątrz                                    | Vāļjas                                         | Barra                                                 | Снаружи                                               |
|   | À l'extérieur                                              | Εξωτερικό                                               | Venku                                        | Zunaj                                          | Lasmuigh                                       | Ulkopuoli                                             | Utvendig                                              |
|   | Buitenkant                                                 | Exterior                                                | Vonku                                        | На открито                                     | Ārtelpā                                        | Diş taraf                                             | Назовні                                               |
|   | Exterior                                                   | Udvendig                                                | A szabadban                                  | Exterior                                       | Išorinis                                       | Vani                                                  |                                                       |
| G | Kühlmittel                                                 | Refrigerante                                            | Köldmedel                                    | Czynnik chłodniczy                             | Külmutusagens                                  | Refrigerant                                           | Хладагент                                             |
|   | Réfrigérant                                                | Ψυκτικό                                                 | Chladivo                                     | Hladino sredstvo                               | Cuisneán                                       | Kylmäaine                                             | Kjølemedium                                           |
|   | Koelmiddel                                                 | Refrigerante                                            | Chladivo                                     | Хладилен агент                                 | Aukstumagents                                  | Soğutucu                                              | Холодоагент                                           |
|   | Refrigerante                                               | Kølemiddel                                              | Hűtőközeg                                    | Refrigerent                                    | Šaldalas                                       | Rashladno sredstvo                                    |                                                       |

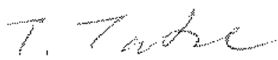
|   | Deutsch                                       | Italiano                                            | Svenska                                   | Polski                                          | Eesti                                                | Malti                                     | Русский                                       |
|---|-----------------------------------------------|-----------------------------------------------------|-------------------------------------------|-------------------------------------------------|------------------------------------------------------|-------------------------------------------|-----------------------------------------------|
|   | Français                                      | Ελληνικά                                            | Česky                                     | Slovensko                                       | Gaeilge                                              | Suomi                                     | Norsk                                         |
|   | Nederlands                                    | Português                                           | Slovensky                                 | Български                                       | Latviski                                             | Türkçe                                    | Українська                                    |
|   | Español                                       | Dansk                                               | Magyar                                    | Română                                          | Lietuvių k.                                          | Hrvatski                                  |                                               |
| H | Kühlen                                        | Raffreddamento                                      | Kyla                                      | Chłodzenie                                      | Jahutus                                              | Tkessih                                   | Охлаждение                                    |
|   | Refroidissement                               | Ψύξη                                                | Chlazení                                  | Hlajenje                                        | Fuarú                                                | Viillennys                                | Avkjøling                                     |
|   | Koelen                                        | Arrefecimento                                       | Chladienie                                | Охлаждане                                       | Dzesēšana                                            | Soğutma                                   | Охолодження                                   |
|   | Refrigeración                                 | Køling                                              | Hűtés                                     | Răcire                                          | Vėsinimas                                            | Hlađenje                                  |                                               |
| J | Energieeffizienzklasse                        | Classe di efficienza energetica                     | Energiklass                               | Klasa energetyczna                              | Energiatõhususe klass                                | Klassi tal-efficjenza fl-użu tal-enerġija | Класс эффективности использования энергии     |
|   | Classe d'efficacité énergétique               | Κλάση ενεργειακής απόδοσης                          | Třída energetické účinnosti               | Razred energijske učinkovitosti                 | Aicme éifeachtúlachta fuinnimh                       | Energiatehokkuusluokka                    | Energieeffektivitetsklasse                    |
|   | Energie-efficiëntieklasse                     | Classe de eficiência energética                     | Trieda energetickej účinnosti             | Клас на енергийна ефективност                   | Energoefektivitātes klase                            | Enerji verimlilik sınıfı                  | Клас ефективності енергоспоживання            |
|   | Clase de eficiencia energética                | Energieeffektivitetsklasse                          | Energiahatékonysági osztály               | Clasă de eficiență energetică                   | Energijos vartojimo efektyvumo klasė                 | Klasa energetske učinkovitosti            |                                               |
| K | Jahresstromverbrauch *2                       | Consumo annuale di energia elettrica *2             | Årlig strömförbrukning *2                 | Zużycie prądu w skali roku *2                   | Aastane voolutarbimus *2                             | Konsum annwali tal-elettriku *2           | Годовое потребление электроэнергии *2         |
|   | Consommation d'électricité annuelle *2        | Ετήσια κατανάλωση ρεύματος *2                       | Roční spotřeba elektrické energie *2      | Letna poraba elektrike *2                       | Ídiú leictreachais bhliantúil *2                     | Vuotuinen sähkönkulutus *2                | Årlig strømforbruk *2                         |
|   | Jaarlijks elektriciteitsverbruik *2           | Consumo anual de electricidade *2                   | Ročná spotreba elektriny *2               | Годишна консумация на електроенергия *2         | Gada elektroenerģijas patēriņš *2                    | Yıllık elektrik tüketimi *2               | Річне споживання електроенергії *2            |
|   | Consumo anual de electricidad *2              | Årligt elforbrug *2                                 | Éves áramfogyasztás *2                    | Consum anual de electricitate *2                | Metinis elektros energijos suvar-tojimas *2          | Godišnja potrošnja električne energije *2 |                                               |
| L | Lastauslegung                                 | Carico nominale                                     | Dimensionerande belastning                | Maksymalne obciążenie                           | Projekteeritud koormus                               | Tagħbija tad-disinn                       | Расчетная нагрузка                            |
|   | Charge de calcul                              | Σχεδιασμός φόρτωσης                                 | Jmenovitě zatížení                        | Nazivna obremenitev                             | Lõd deartha                                          | Laskettu kuormitus                        | Utformingsbelastning                          |
|   | Ontwerpbelasting                              | Carga nominal                                       | Projektované zaťaženie                    | Проектен товар                                  | Aprēķina slodze                                      | Tasarım yükü                              | Розрахункове навантаження                     |
|   | Carga de diseño                               | Brugslast                                           | Méretezési terhelés                       | Sarcinā nominalā                                | Projektinė apkrova                                   | Težina uređaja                            |                                               |
| M | Heizen (Jahresdurchschnitt / wärmeres Wetter) | Riscaldamento (Stagione media / calda)              | Värme (Genomsnittlig/varmare årstid)      | Ogrzewanie (Sezon umiarkow-any/ciepły)          | Kütmine (keskmise/soojaperiood)                      | Tishin (Staġun Medju / Aktar Shun)        | Нагрев (средний/теплый сезон)                 |
|   | Chauffage (moyenne saison / saison chaude)    | Θέρμανση (Εποχή με μέσες / υψηλότερες θερμοκρασίες) | Topení (průměrná/teplá sezóna)            | Ogrevanje (Povprečni/toplejši letni čas)        | Téamh (Séasúr Meánach / Níos teo)                    | Lämmitys (Normaali / Lämpimämpi kausi)    | Oppvarming (gjennomsnittlig / varmere årstid) |
|   | Verwarmen (gemiddeld / warmer seizoen)        | Aquecimento (Média estação / estação mais quente)   | Vykurovanie (Priemerné/teplejšie obdobie) | Отопление (Средно / Топъл сезон)                | Sildīšana (Vidējī siltā/siltā gadalaikā)             | Istma (Ortalama / Ilık mevsim)            | Опалення (у середній/теплій сезон)            |
|   | Calefacción (Promedio / temporada más cálida) | Varme (gennemsnitlig/varmere sæson)                 | Fűtés (Átlagos/meleg évszak)              | Încălzire (Anotimp normal/mai cald)             | Šildymas (vidutinis / šiltuoju sezonu)               | Zagrijavanje (Prosjek / toplija sezona)   |                                               |
| N | Nennkapazität                                 | Capacità dichiarata                                 | Deklarerad kapacitet                      | Deklarowana pojemność                           | Teklareeritud võimsus                                | Kapaçitâ ddikjarata                       | Гарантированная мощность                      |
|   | Capacité déclarée                             | Δηλωμένη χωρητικότητα                               | Udāvanā kapacita                          | Prijavljena zmogljivost                         | Toilleadh fógartha                                   | Ilmoitettu teho                           | Erklært kapasitet                             |
|   | Aangegeven capaciteit                         | Capacidade declarada                                | Deklarovaný výkon                         | Объявлена мощность                              | Deklarētā jauda                                      | Beyan edilen kapasite                     | Гарантована потужність                        |
|   | Capacidad declarada                           | Erklæret kapacitet                                  | Névleges teljesítmény                     | Capacitate declarată                            | Deklaruotasis pajėgumas                              | Deklarirani kapacitet                     |                                               |
| P | bei angegebener Referenztemperatur            | alla temperatura di progetto di riferimento         | vid dimensionerande referenstemperatur    | w znamionowej temperaturze odniesienia          | projekteerimise võrdlustemperatuuri juures           | f'temperatura tad-disinn ta' referenza    | при эталонной расчетной температуре           |
|   | à la température de calcul de référence       | σε θερμοκρασία σχεδιασμού αναφοράς                  | při referenční výpočtové teplotě          | ob referenční nazivni temperaturi               | ag teocht deartha tagartha                           | perusmitoitulämpötilassa                  | ved referansetemperatur for utforming         |
|   | bij referentieontwerptemperatuur              | à temperatura nominal de referència                 | pri referenčnej výpočtovej teplote        | при изчислительна проектна температура          | aprēķina references temperatūrā                      | referans tasarım sıcaklığında             | При еталонний розрахунковій температурі       |
|   | a temperatura de diseño de referencia         | ved brugsafhængig referencetemperatur               | tervezési referencia-hőmérsékleten        | la temperatura de referință nominală            | esant norminei projektinei temperatūrai              | pri referentnoj temperaturi               |                                               |
| R | bei bivalenter Temperatur                     | alla temperatura bivalente                          | vid bivalent temperatur                   | w temperaturze biwalentnej                      | bivalentse temperatuuri juures                       | f'temperatura bivalenti                   | при бивалентной температуре                   |
|   | à température bivalente                       | σε θερμοκρασία δισθενοῦς λειτουργίας                | při bivalentní teplotě                    | pri bivalentni temperaturi                      | ag teocht dhéfhíusach                                | kaksiarvoisessa lämpötilassa              | ved bivalent temperatur                       |
|   | bij bivalente temperatuur                     | à temperatura bivalente                             | pri bivalentnej teplote                   | при бивалентна температура                      | bivalentā temperatūrā                                | iki değerli sıcaklıkta                    | При бивалентний температурі                   |
|   | a temperatura bivalente                       | ved bivalent temperatur                             | bivalens hőmérsékleten                    | la temperatura de bivalentă                     | esant perėjimo į dvejopo šildymo režimą temperatūrai | pri bivalentnoj temperaturi               |                                               |
| S | bei Temperatur an der Betrieb-sgrenze         | alla temperatura limite di funzio-namento           | vid driftstemperaturens gränsvärde        | w granicznej temperaturze roboczej              | tõötamise piirtemperatuuri juures                    | f'temperatura tal-limitu tat-thaddim      | при предельной рабочей температуре            |
|   | à température de fonctionnement limite        | σε θερμοκρασία ορίου λειτουργίας                    | při teplotě na hranici provozního limitu  | pri mejni delovni temperaturi                   | ag teocht teorann oibriúcháin                        | toimintarajalämpötilassa                  | ved temperatur for driftsgrense               |
|   | bij grens werkingstemperatuur                 | à temperatura de limite de funcio-namento           | pri hraničnej prevádzkovej teplote        | при гранична работна температура                | ekspluatācijas robežtemperatūrā                      | çalışma limiti sıcaklığında               | При граничний робочій температурі             |
|   | a temperatura limite de funcion-amiento       | ved driftsgrænsetemperatur                          | maximális üzemi hőmérsékleten             | la temperatura limită de funcționare            | esant ribinei veikimo temperatūrai                   | pri graničnoj radnoj temperaturi          |                                               |
| T | Backup-Heizleistung                           | Capacità di riscaldamento addizionale               | Kapacitet för reservvärme                 | Zapasowa pojemność grzewcza                     | Tagavara küttevõimsus                                | Kapaçitâ tat-tishin ta' sostenn           | Резервная тепловая мощность                   |
|   | Capacité de chauffage d'appoint               | Δυνατότητα εφεδρικής θέρμανσης                      | Kapacita záložního vytápění               | Rezervna zmogljivost ogrevanja                  | Toilleadh téimh chúltaca                             | Varalämmitysteho                          | Sikkerhetskapa-sitet for oppvarming           |
|   | Reserveverwarmingcapaciteit                   | Capacidade de aquecimento de reserva                | Výkon záložného vykurovacieho telesa      | Мощност на спомагателно електрическо подгряване | Rezerves sildītāja jauda                             | Yedek ısıtma kapasitesi                   | Резервна теплова потужність                   |
|   | Capacidad de calefacción auxiliar             | Reservevarmekapacitet                               | Kisegítő fűtési teljesítmény              | Capacitate de încălzire de siguranță            | Pagalbinio šildymo pajėgumas                         | Kapacitet rezervnog grijanja              |                                               |





| PRODUCT INFORMATION (*)                                                                                   |                               |                                                                                                                                                                                           |             |  |
|-----------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|
| PACKAGED AIR CONDITIONER                                                                                  | INDOOR MODEL<br>OUTDOOR MODEL | PLA-ZM100EA<br>PUHZ-SHW112YHA(-BS)                                                                                                                                                        |             |  |
| Function (indicate if present)                                                                            |                               | If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season |             |  |
| cooling                                                                                                   | Y                             | Average (mandatory)                                                                                                                                                                       | Y           |  |
| heating                                                                                                   | Y                             | Warmer (if designated)                                                                                                                                                                    | N           |  |
|                                                                                                           |                               | Colder (if designated)                                                                                                                                                                    | N           |  |
| <b>Item</b>                                                                                               | <b>symbol</b>                 | <b>value</b>                                                                                                                                                                              | <b>unit</b> |  |
| <b>Design load</b>                                                                                        |                               |                                                                                                                                                                                           |             |  |
| cooling                                                                                                   | Pdesignc                      | 10.0                                                                                                                                                                                      | kW          |  |
| heating/Average                                                                                           | Pdesignh                      | 12.7                                                                                                                                                                                      | kW          |  |
| heating/Warmer                                                                                            | Pdesignh                      | x                                                                                                                                                                                         | kW          |  |
| heating/Colder                                                                                            | Pdesignh                      | x                                                                                                                                                                                         | kW          |  |
| Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj                  |                               |                                                                                                                                                                                           |             |  |
| Tj=35°C                                                                                                   | Pdc                           | 10.0                                                                                                                                                                                      | kW          |  |
| Tj=30°C                                                                                                   | Pdc                           | 7.4                                                                                                                                                                                       | kW          |  |
| Tj=25°C                                                                                                   | Pdc                           | 5.3                                                                                                                                                                                       | kW          |  |
| Tj=20°C                                                                                                   | Pdc                           | 5.4                                                                                                                                                                                       | kW          |  |
| Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj       |                               |                                                                                                                                                                                           |             |  |
| Tj=-7°C                                                                                                   | Pdh                           | 11.2                                                                                                                                                                                      | kW          |  |
| Tj=2°C                                                                                                    | Pdh                           | 6.9                                                                                                                                                                                       | kW          |  |
| Tj=7°C                                                                                                    | Pdh                           | 4.4                                                                                                                                                                                       | kW          |  |
| Tj=12°C                                                                                                   | Pdh                           | 4.9                                                                                                                                                                                       | kW          |  |
| Tj=bivalent temperature                                                                                   | Pdh                           | 11.2                                                                                                                                                                                      | kW          |  |
| Tj=operating limit                                                                                        | Pdh                           | 9.4                                                                                                                                                                                       | kW          |  |
| Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj        |                               |                                                                                                                                                                                           |             |  |
| Tj=2°C                                                                                                    | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=7°C                                                                                                    | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=12°C                                                                                                   | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=bivalent temperature                                                                                   | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=operating limit                                                                                        | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj        |                               |                                                                                                                                                                                           |             |  |
| Tj=-7°C                                                                                                   | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=2°C                                                                                                    | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=7°C                                                                                                    | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=12°C                                                                                                   | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=bivalent temperature                                                                                   | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=operating limit                                                                                        | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Tj=-15°C                                                                                                  | Pdh                           | x                                                                                                                                                                                         | kW          |  |
| Bivalent temperature                                                                                      |                               |                                                                                                                                                                                           |             |  |
| heating/Average                                                                                           | Tbiv                          | -7                                                                                                                                                                                        | °C          |  |
| heating/Warmer                                                                                            | Tbiv                          | x                                                                                                                                                                                         | °C          |  |
| heating/Colder                                                                                            | Tbiv                          | x                                                                                                                                                                                         | °C          |  |
| Cycling interval capacity                                                                                 |                               |                                                                                                                                                                                           |             |  |
| for cooling                                                                                               | Pcycc                         | x                                                                                                                                                                                         | kW          |  |
| for heating                                                                                               | Pcyh                          | x                                                                                                                                                                                         | kW          |  |
| Degradation co-efficient cooling                                                                          | Cdc                           | 0.25                                                                                                                                                                                      | -           |  |
| Electric power input in power modes other than "active mode"                                              |                               |                                                                                                                                                                                           |             |  |
| off mode                                                                                                  | POFF                          | 15                                                                                                                                                                                        | W           |  |
| standby mode                                                                                              | PSB                           | 15                                                                                                                                                                                        | W           |  |
| thermostat - off mode                                                                                     | PTO(c/h)                      | 85/25                                                                                                                                                                                     | W           |  |
| crankcase heater mode                                                                                     | PCK                           | 0                                                                                                                                                                                         | W           |  |
| Capacity control (indicate one of three options)                                                          |                               |                                                                                                                                                                                           |             |  |
| fixed                                                                                                     | N                             |                                                                                                                                                                                           |             |  |
| staged                                                                                                    | N                             |                                                                                                                                                                                           |             |  |
| variable                                                                                                  | Y                             |                                                                                                                                                                                           |             |  |
| Contact details for obtaining more information                                                            |                               |                                                                                                                                                                                           |             |  |
| Name and address of the manufacturer or of its authorized representative.                                 |                               |                                                                                                                                                                                           |             |  |
| Seasonal efficiency                                                                                       |                               |                                                                                                                                                                                           |             |  |
| cooling                                                                                                   | SEER                          | 5.5                                                                                                                                                                                       | -           |  |
| heating/Average                                                                                           | SCOP/A                        | 4.0                                                                                                                                                                                       | -           |  |
| heating/Warmer                                                                                            | SCOP/W                        | x                                                                                                                                                                                         | -           |  |
| heating/Colder                                                                                            | SCOP/C                        | x                                                                                                                                                                                         | -           |  |
| Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj               |                               |                                                                                                                                                                                           |             |  |
| Tj=35°C                                                                                                   | EERd                          | 3.5                                                                                                                                                                                       | -           |  |
| Tj=30°C                                                                                                   | EERd                          | 5.0                                                                                                                                                                                       | -           |  |
| Tj=25°C                                                                                                   | EERd                          | 6.9                                                                                                                                                                                       | -           |  |
| Tj=20°C                                                                                                   | EERd                          | 8.7                                                                                                                                                                                       | -           |  |
| Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj |                               |                                                                                                                                                                                           |             |  |
| Tj=-7°C                                                                                                   | COPd                          | 2.6                                                                                                                                                                                       | -           |  |
| Tj=2°C                                                                                                    | COPd                          | 3.9                                                                                                                                                                                       | -           |  |
| Tj=7°C                                                                                                    | COPd                          | 5.5                                                                                                                                                                                       | -           |  |
| Tj=12°C                                                                                                   | COPd                          | 6.4                                                                                                                                                                                       | -           |  |
| Tj=bivalent temperature                                                                                   | COPd                          | 2.6                                                                                                                                                                                       | -           |  |
| Tj=operating limit                                                                                        | COPd                          | 1.5                                                                                                                                                                                       | -           |  |
| Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj  |                               |                                                                                                                                                                                           |             |  |
| Tj=2°C                                                                                                    | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=7°C                                                                                                    | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=12°C                                                                                                   | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=bivalent temperature                                                                                   | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=operating limit                                                                                        | COPd                          | x                                                                                                                                                                                         | -           |  |
| Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj  |                               |                                                                                                                                                                                           |             |  |
| Tj=-7°C                                                                                                   | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=2°C                                                                                                    | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=7°C                                                                                                    | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=12°C                                                                                                   | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=bivalent temperature                                                                                   | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=operating limit                                                                                        | COPd                          | x                                                                                                                                                                                         | -           |  |
| Tj=-15°C                                                                                                  | COPd                          | x                                                                                                                                                                                         | -           |  |
| Operating limit temperature                                                                               |                               |                                                                                                                                                                                           |             |  |
| heating/Average                                                                                           | Tol                           | -25                                                                                                                                                                                       | °C          |  |
| heating/Warmer                                                                                            | Tol                           | x                                                                                                                                                                                         | °C          |  |
| heating/Colder                                                                                            | Tol                           | x                                                                                                                                                                                         | °C          |  |
| Cycling interval efficiency                                                                               |                               |                                                                                                                                                                                           |             |  |
| for cooling                                                                                               | EERcyc                        | x                                                                                                                                                                                         | -           |  |
| for heating                                                                                               | COPcyc                        | x                                                                                                                                                                                         | -           |  |
| Degradation co-efficient heating                                                                          | Cdh                           | 0.25                                                                                                                                                                                      | -           |  |
| Annual electricity consumption                                                                            |                               |                                                                                                                                                                                           |             |  |
| cooling                                                                                                   | QCE                           | 633                                                                                                                                                                                       | kWh/a       |  |
| heating/Average                                                                                           | QHE                           | 4420                                                                                                                                                                                      | kWh/a       |  |
| heating/Warmer                                                                                            | QHE                           | x                                                                                                                                                                                         | kWh/a       |  |
| heating/Colder                                                                                            | QHE                           | x                                                                                                                                                                                         | kWh/a       |  |
| Other items                                                                                               |                               |                                                                                                                                                                                           |             |  |
| Sound power level (indoor/outdoor)                                                                        | LWA                           | 61/69                                                                                                                                                                                     | dB(A)       |  |
| Global warming potential                                                                                  | GWP                           | 1975                                                                                                                                                                                      | kgCO2eq     |  |
| Rated air flow (indoor/outdoor)                                                                           | -                             | 1680/6000                                                                                                                                                                                 | m3/h        |  |

(\*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

| TECHNICAL DOCUMENTATION <sup>(1)</sup>                                    |                                                                                                                                                                                                                                                                                     |                     |                       |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|
| PACKAGED AIR CONDITIONER                                                  | INDOOR MODEL                                                                                                                                                                                                                                                                        | PLA-ZM100EA         | 298H840W840D (mm)     |
|                                                                           | OUTDOOR MODEL                                                                                                                                                                                                                                                                       | PUHZ-SHW112YHA(-BS) | 1350H950W330D (mm)    |
| Function                                                                  |                                                                                                                                                                                                                                                                                     |                     |                       |
|                                                                           | cooling                                                                                                                                                                                                                                                                             | Y                   |                       |
|                                                                           | heating                                                                                                                                                                                                                                                                             | Y                   |                       |
| The heating season                                                        |                                                                                                                                                                                                                                                                                     |                     |                       |
|                                                                           | Average (mandatory)                                                                                                                                                                                                                                                                 | Y                   |                       |
|                                                                           | Warmer (if designated)                                                                                                                                                                                                                                                              | N                   |                       |
|                                                                           | Colder (if designated)                                                                                                                                                                                                                                                              | N                   |                       |
| Capacity control                                                          |                                                                                                                                                                                                                                                                                     |                     |                       |
|                                                                           | fixed                                                                                                                                                                                                                                                                               | N                   |                       |
|                                                                           | staged                                                                                                                                                                                                                                                                              | N                   |                       |
|                                                                           | variable                                                                                                                                                                                                                                                                            | Y                   |                       |
| <b>Item</b>                                                               | <b>symbol</b>                                                                                                                                                                                                                                                                       | <b>value</b>        | <b>unit</b>           |
| Seasonal efficiency <sup>(2)</sup>                                        |                                                                                                                                                                                                                                                                                     |                     |                       |
| cooling                                                                   | SEER                                                                                                                                                                                                                                                                                | 5.5                 | -                     |
| heating/Average                                                           | SCOP/A                                                                                                                                                                                                                                                                              | 4.0                 | -                     |
| heating/Warmer                                                            | SCOP/W                                                                                                                                                                                                                                                                              | x                   | -                     |
| heating/Colder                                                            | SCOP/C                                                                                                                                                                                                                                                                              | x                   | -                     |
| Energy efficiency class                                                   |                                                                                                                                                                                                                                                                                     |                     |                       |
| cooling                                                                   | SEER                                                                                                                                                                                                                                                                                | A                   | -                     |
| heating/Average                                                           | SCOP/A                                                                                                                                                                                                                                                                              | A+                  | -                     |
| heating/Warmer                                                            | SCOP/W                                                                                                                                                                                                                                                                              | x                   | -                     |
| heating/Colder                                                            | SCOP/C                                                                                                                                                                                                                                                                              | x                   | -                     |
| Other items                                                               |                                                                                                                                                                                                                                                                                     |                     |                       |
| Sound power level (indoor/outdoor)                                        | LWA                                                                                                                                                                                                                                                                                 | 61/69               | dB(A)                 |
| Refrigerant                                                               | -                                                                                                                                                                                                                                                                                   | R410A               | -                     |
| Global warming potential                                                  | GWP                                                                                                                                                                                                                                                                                 | 1975                | kgCO <sub>2</sub> eq. |
| Identification and signature of the person empowered to bind the supplier | <div> <div>  </div> <div>           Takashi Tanabe<br/>           Manager, Quality Assurance Department<br/>           Mitsubishi Electric Air Conditioning Systems Europe         </div> </div> |                     |                       |

(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011.

(2) SEER/SCOP values are measured based on FprEN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance.