

THE COMPANIES ACT 1985
RESOLUTIONS IN WRITING

of



QUARTZ AIR CONDITIONING COMPANY LIMITED

(the "Company")

In accordance with Regulation 53 of Table A of the Companies Act 1985, as incorporated into the Company's Articles of Association, we, the undersigned, being the sole member of the Company who, at the date of these resolutions is entitled to attend and vote at a general meeting of the Company, hereby make the following written resolutions which shall have the effect as special resolutions duly passed by the Company in general meeting:

THAT:

1. the regulations contained in the printed document attached hereto and for the purpose of identification initialled by the signatories hereto be and they are hereby adopted as the articles of association of the Company in substitution for, and to the exclusion of, the existing articles of association of the Company;
2. the Company be authorised to enter into a facilities agreement dated on or about the date hereof, made between (1) Volution Holdings Limited, (2) Volution Limited, (3) the Original Guarantors as listed in Part 2 of Schedule 1 thereto, (4) Mizuho Corporate Bank, Ltd in its capacity as Mandated Lead Arranger, (5) Mizuho Corporate Bank, Ltd in its capacity as Bookrunner, (6) the Financial Institutions listed in Part 3 and Part 4 of the Schedule 1 thereto as Original Lenders, (7) Mizuho Corporate Bank, Ltd in its capacity as Agent, (8) Mizuho Corporate Bank, Ltd in its capacity as Issuing Bank, and (9) Mizuho Corporate Bank, Ltd in its capacity as Security Agent, (the "**Facilities Agreement**") as varied, assigned, transferred, modified, amended, novated, supplemented, extended, restated and/or replaced in any manner from time to time (even if changes are made to the composition of the parties to such document or to the composition of the facilities under such document) pursuant to which the Company will indemnify and guarantee in favour of the Finance Parties (defined in the Facilities Agreement) amongst other things, the obligations of, inter alia, Volution Holdings Limited and certain of its Subsidiaries to the Finance Parties (as defined in or by reference to the Facilities Agreement), for the purpose of assisting in the funding of the acquisition by Volution Limited of the entire issued share capital of the Company's holding company Vent-

Axia Group Limited, secured by the provisions of the guarantee contained therein and the Debenture (as defined below). By executing the Facilities Agreement, the Company will also give certain representations, warranties, covenants and indemnities to the Finance Parties (as defined therein) to enable the Finance Parties to make certain facilities under the Facilities Agreement available.

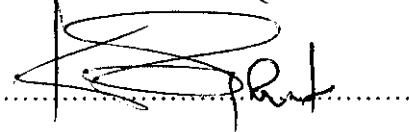
3. the Company be authorised to enter into a mezzanine loan agreement dated on or about the date hereof, made between (1) Volution Holdings Limited (2) Volution Limited, (3) the Original Guarantors as listed in Part 1 of Schedule 2 thereto, (6) the financial institutions listed in Part 3 and Part 4 of Schedule 1 thereto (as Original Lenders) and (4), (5), (7) and (8) Mizuho Corporate Bank, Ltd in its capacities as Mandated Lead Arranger, Bookrunner, Agent and Security Agent (the "**Mezzanine Loan Agreement**"), as varied assigned, transferred, modified, amended, novated, supplemented, extended, restated and/or replaced in any manner from time to time (even if changes are made to the composition of the parties to such document or to the composition of the facilities under such document) pursuant to which the Company will indemnify against and guarantee in favour of the Finance Parties (as each term is defined in the Mezzanine Loan Agreement), amongst other things, the obligations of, inter alia, Volution Holdings Limited and certain of its Subsidiaries to the Security Agent and the Finance Parties under or in connection with any Finance Documents (as defined in the Mezzanine Loan Agreement), for the purpose of assisting in the funding of the acquisition by Volution Limited of the whole issued share capital of the Company's holding company Vent-Axia Group Limited, secured by the provisions of the guarantee contained therein and the Debenture (as defined below). By executing the Mezzanine Loan Agreement, the Company will also give certain representations, warranties, covenants and indemnities to the Finance Parties.
4. an intercreditor deed dated on or about the date hereof, made between (1) Mizuho Corporate Bank, Ltd as Senior Agent, (2) Mizuho Corporate Bank, Ltd as Security Agent (3) the Senior Creditors as listed in Schedule 1 thereto, (4) the Hedging Banks as listed in Schedule 2 thereto, (5) Mizuho Corporate Bank, Ltd as Mezzanine Agent, (6) the Mezzanine Creditors as listed in Schedule 3 thereto, (6) the Investors listed in Schedule 4 thereto, (7) Volution Holdings Limited as the Company and (8) the Obligors listed in Schedule 5 thereto (the "**Intercreditor Deed**") as assigned, transferred, modified, altered, varied, supplemented, replaced, novated and/or restated in any manner from time to time (even if changes are made to the composition of the parties to such document or to the composition of the facilities under such document) pursuant to which, inter alia, each Obligor guarantees to each Hedging

Bank payment in full of the Hedging Debt owed to it by any other Obligor (definitions as contained therein) and which also governs the priorities between the various parties as described therein.

5. a debenture to be entered into between (1) Mizuho Corporate Bank, Ltd (as Security Agent), and (2) the companies listed in schedule 1 thereto as Chargors pursuant to which the Company will grant fixed and floating charges over the whole of its property, assets and undertaking to the Security Agent in accordance with the terms contained therein (the "**Debenture**" as assigned, transferred, modified, altered, varied, supplemented, replaced, novated and/or restated in any manner from time to time (even if changes are made to the composition of the parties to such document or to the composition of the facilities under such document)) for the purpose of securing all present and future obligations and liabilities (whether actual or contingent and whether jointly or severally, or in any other capacity) of the Obligors to the Beneficiaries (as defined therein) pursuant to the Finance Documents (as defined therein).
6. an intra-group loan agreement to be entered into between (1) Volution Holdings Limited and Volution Limited as Borrowers, and (2) the companies listed in Schedule 1 thereto as Lenders (the "**Intra-group Loan Agreement**") pursuant to which the Lenders will agree to lend money to the Borrowers (as such terms are defined therein).
7. the terms of and the transactions contemplated by the Facilities Agreement, Mezzanine Loan Agreement, Intercreditor Deed, Debenture and Intra-group Loan Agreement (the "**Documents**") and all other Finance Documents and Transaction Documents (as defined in the Facilities Agreement and the Mezzanine Loan Agreement), to which the Company is a party, be approved.
8. the Company be authorised to give the financial assistance described in the statutory declarations sworn by the directors and appended hereto.
9. notwithstanding any existing provisions of the Memorandum and Articles of Association of the Company, the documents described in the declarations referred to above be entered into notwithstanding that obligations contained therein constitute financial assistance within Section 151 of the Companies Act 1985 (the "**Act**") and that subject to the procedures set out in Sections 155-158 of the Act being followed the giving of such financial assistance by the Company be and is hereby approved. The original statutory declaration and its annexed Auditors' Reports required by Section 156(4) of the Act have been made available to the member of the Company.

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10. the execution, delivery and performance of the documents described in the declarations referred to above (together with that of any ancillary documents referred to therein) and the arrangements referred to in the above paragraphs are for the benefit and in the best interests of the Company for the purposes of carrying on its business and that there is full and fair consideration to the Company for the obligations it is undertaking in respect thereof.
 11. any act done or document executed pursuant to any of the foregoing paragraphs of this resolution shall be valid, effective and binding upon the Company notwithstanding any limitation on the borrowing or other powers of the directors of the Company contained in or incorporated by reference in the Company's Articles of Association (any such limitation being hereby suspended, waived, relaxed or abrogated to the extent requisite to give effect to the foregoing resolutions).
 12. notwithstanding any personal interest, the board of directors of the Company be and is hereby specifically authorized, empowered and directed in the name of and on behalf of the Company to:
 - 12.1 execute and deliver each of the Documents in the form produced to the meeting, or with such amendments as they shall in their discretion approve; and
 - 12.2 enter into such documentation and to take such action as may be required in order to carry out the matters referred to above.

For and on behalf of Quartz Limited



3 December 2002
Date



Company No. 02755423

THE COMPANIES ACTS 1985 AND 1989

PRIVATE COMPANY LIMITED BY SHARES

**NEW
ARTICLES OF ASSOCIATION
OF
QUARTZ AIR CONDITIONING
COMPANY LIMITED**

(Adopted by special resolution passed on 3 December 2002)

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THE COMPANIES ACTS 1985 and 1989
PRIVATE COMPANY LIMITED BY SHARES

NEW
ARTICLES OF ASSOCIATION

of

QUARTZ AIR CONDITIONING COMPANY LIMITED

(Adopted by special resolution passed on 3 December 2002)

PRELIMINARY

1. The regulations contained in Table A in the schedule to the Companies (Tables A to F) Regulations 1985 (as amended by the Companies (Tables A-F) (Amendment) Regulations 1985 and the Companies Act 1985 (Electronic Communications) Order 2000) ("**Table A**") shall apply to the Company unless or to the extent that they are excluded or modified by, or are inconsistent with the following provisions and, with the provisions set out in this document, shall constitute the articles of association of the Company and, for the avoidance of doubt, references in this document to "these articles" shall be construed accordingly.
2. References in these articles to numbered regulations shall, unless the context requires otherwise, be deemed to be references to regulations in Table A. Regulations 8, 9, 10, 11, 24, 38, 59, 60, 61, 62, 64, 67, 73 to 81 inclusive, 90, 94, 95, 111, 112, 115 and 118 shall not apply. References in these articles to numbered articles shall be deemed to be references to numbered provisions in this document.
3. In these articles:

"address" in relation to electronic communication means any number or address used for the purposes of such communications;

"Parent Company" means a corporate body which is the registered holder of all of the issued shares in the Company;

"written" and **"in writing"** include any method of representing or reproducing words in legible form including, for the avoidance of doubt, electronic communication.

4. Where an ordinary resolution of the Company is required for any purpose, a special or extraordinary resolution shall also be effective and where an extraordinary resolution is required for any purpose, a special resolution shall also be effective.

ELECTRONIC COMMUNICATION

5. Regulation 1 shall be modified by deleting the words "'electronic communication' means the same as in the Electronic Communications Act 2000" and substituting instead the words "'electronic communication' means any communication transmitted by way of fax or email" and all references to "electronic communication" in these articles will be construed accordingly.

SHARE CERTIFICATES

6. Regulation 6 of Table A shall be modified by adding after "Every certificate shall be sealed with the seal" the words "or executed in such other manner as the directors authorise, having regard to the Act".

PURCHASE OF OWN SHARES

7. Regulation 35 shall be modified by deleting the words "otherwise than out of distributable profits of the company or the proceeds of a fresh issue of shares" and substituting instead the words "whether out of its distributable profits or out of the proceeds of a fresh issue of shares or otherwise".

NOTICE OF GENERAL MEETINGS

8. Regulation 37 shall be modified by deleting the words "eight weeks" and substituting instead the words "28 days".
9. An annual general meeting and an extraordinary general meeting called for the passing of a special resolution or an elective resolution shall be called by at least 21 clear days' notice. All other extraordinary general meetings shall be called by at least 14 clear days' notice but a general meeting may be called by shorter notice if it is so agreed:

- 9.1 in the case of an annual general meeting, by all the members entitled to attend and vote at that meeting; and

- 9.2 in the case of any other meeting, by a majority in number of the members having a right to attend and vote, being a majority together holding not less than such percentage in nominal value of the shares giving that right as has been determined by elective resolution of the members in accordance with the Act, or if no such elective resolution is in force, a majority together holding not less than 95 per cent in nominal value of the shares giving that right.

PROCEEDINGS AT GENERAL MEETINGS

10. If and so long as there is a Parent Company, its representative, appointed pursuant to article 13 of these articles or a proxy appointed by such a representative, shall be the only person whose presence shall be required in order to constitute a quorum and regulation 40 shall be modified accordingly.
11. A poll may be demanded by the chairman or by any member present in person or by proxy and entitled to vote, and regulation 46 shall be modified accordingly.
12. In the case of joint holders of a share, the signature of any one of them is sufficient for the purposes of passing resolutions in writing under regulation 53.
13. A member of the Company which is a corporation may, by resolution of its directors or other governing body, authorise such person as it thinks fit to act as its representative at any meeting of the Company or at any meeting of any class of members of the Company. The person so authorised shall be entitled to exercise the same powers on behalf of the corporation which he represents as that corporation could exercise if it were an individual member. Unless the directors otherwise decide, a copy of such authority certified notarially or in some other way approved by the directors shall be delivered to the Company before such representative is entitled to exercise any power on behalf of the corporation which he represents.

VOTES OF MEMBERS

14. Regulation 57 shall be modified by including after the word "shall" the phrase "unless the directors otherwise decide".
15. On a show of hands or on a poll, votes may be given either personally or by proxy. A member may appoint more than one proxy to attend on the same occasion and deposit of an instrument of proxy shall not preclude a member from attending and voting at the meeting or at any adjournment of it.

16. The appointment of a proxy shall be in writing in any form which is usual or in any form which the directors may approve, and shall be executed by or on behalf of the appointor.
17. The appointment of a proxy and any authority under which it is executed or a copy of such authority certified notarially or in some other way approved by the directors may:
 - 17.1 in the case of an appointment of a proxy by a form of proxy (which for the avoidance of doubt does not include an appointment contained in an electronic communication) be received at the office or such other place within the United Kingdom as may be specified in the notice convening the meeting and/or in any form of proxy or other accompanying document sent out by the Company in relation to the meeting not less than one hour before the time for holding the meeting or adjourned meeting at which the person named in the form of proxy proposes to vote; or
 - 17.2 in the case of an appointment contained in an electronic communication, if an address has been specified for that purpose:
 - 17.2.1 in the notice convening the meeting; or
 - 17.2.2 in any form of proxy or other accompanying document sent out by the Company in relation to the meeting; or
 - 17.2.3 in any invitation to appoint a proxy contained in an electronic communication issued by the Company in relation to the meeting,

be received at such address not less than one hour before the time for holding the meeting or adjourned meeting at which the person named in the appointment proposes to vote; or
 - 17.3 in the case of a poll taken more than 48 hours after it is demanded, be received as aforesaid after the poll has been demanded but not less than one hour before the time appointed for the taking of the poll; or
 - 17.4 if a meeting is adjourned for less than 48 hours or if a poll is not taken immediately but is taken not more than 48 hours after it was demanded, be delivered at the adjourned meeting or at the meeting at which the poll was demanded to any director or the secretary,

and an appointment of a proxy which is not received or delivered in accordance with this article 17 shall be invalid.

NUMBER OF DIRECTORS

18. Unless otherwise determined by ordinary resolution, there shall not be any maximum number of directors but the minimum number shall be one and, whilst there is only one director, he shall constitute a quorum for all directors' meetings and regulation 89 shall be modified accordingly.
19. When one director only is in office, he shall have and may exercise all the powers and authorities in and over the affairs of the Company as conferred on the board of directors by these articles by written resolution.

APPOINTMENT AND RETIREMENT OF DIRECTORS

20. The directors shall (except in the case of the first directors) be appointed and shall (in every case) be subject to removal from office by the Company in general meeting or if there is a Parent Company, by instrument in writing executed by or on behalf of the Parent Company, or if there is no Parent Company, by instrument in writing signed by or on behalf of the holders of a majority of shares for the time being issued and entitling the holders thereof to attend and vote at general meetings of the Company. Every appointment or removal of a director in writing pursuant to this article shall take effect as from the time when the instrument is delivered to the Company.
21. The directors shall not be subject to retirement by rotation. Reference in any regulation to retirement by rotation shall be disregarded.
22. A director is not required to hold any qualification shares in the Company.
23. A director shall not be required to vacate his office or be ineligible for re-election, and no person shall be ineligible for appointment as a director, by reason only of his attaining or having attained any particular age. Section 293 of the Act shall not apply to the Company.

ALTERNATE DIRECTORS

24. A director may appoint any person willing to act as such, whether or not he is a director of the Company, to be an alternate director and such person need not be approved by resolution of the directors, and regulation 65 shall be modified accordingly.

25. An alternate director who is absent from the United Kingdom shall be entitled to receive notice of all meetings of directors and meetings of committees of directors, and regulation 66 shall be modified accordingly.
26. An alternate director ceases to be an alternate for his appointor when his appointor ceases to be a director.

POWERS OF DIRECTORS

27. The directors may exercise all the powers of the Company to borrow money and to mortgage or charge all or any part of its undertaking, property and uncalled capital and, subject to the provisions of the Act, to issue debentures, debenture stock and other securities either outright or as security for any debt, liability or obligation of the Company or of any third party.

DISQUALIFICATION AND REMOVAL OF DIRECTORS

28. The office of a director shall be vacated if:
- 28.1 he ceases to be a director by virtue of any provision of the Act or becomes prohibited by law from being a director;
 - 28.2 he becomes bankrupt or makes any arrangement or composition with his creditors generally;
 - 28.3 he becomes, in the opinion of all his co-directors, incapable by reason of mental disorder of discharging his duties as a director;
 - 28.4 he resigns his office by notice in writing to the Company;
 - 28.5 both he and his alternate director (if any) are absent without the permission of the directors from meetings of directors for six consecutive months, and the directors resolve that his office be vacated; or
 - 28.6 he is removed from office under article 20 of these articles.

PROCEEDINGS OF DIRECTORS

29. Regulation 88 shall be modified by excluding the third sentence and substituting instead the following sentence: "Every director shall receive notice of a meeting whether or not he is absent from the United Kingdom."

30. Any director or his alternate may validly participate in a meeting of the directors or a committee of directors through the medium of conference telephone or similar form of communication equipment provided that all persons participating in the meeting are able to hear and speak to each other throughout such meeting. A person so participating shall be deemed to be present in person at the meeting and shall accordingly be counted in a quorum and be entitled to vote. Subject to the Act, all business transacted in such manner by the directors or a committee of the directors shall, for the purposes of these articles, be deemed to be validly and effectively transacted at a meeting of the directors or of a committee of the directors even if fewer than two directors or alternate directors are physically present at the same place. Such a meeting shall be deemed to take place where the largest group of those participating is assembled or, if there is no such group, where the chairman of the meeting then is.

DIRECTORS' APPOINTMENTS AND INTERESTS

31. Without prejudice to the obligation of a director to disclose his interest in contracts in accordance with the Act, a director may vote at any meeting of the directors or of a committee of directors on any resolution concerning a matter in which he has, directly or indirectly, an interest, and, if he does so vote, his vote shall be counted and he shall be counted in the quorum present at a meeting in relation to any such resolution.
32. A director may hold any other office or place of profit under the Company (other than the office of auditor) in conjunction with his office of director for such period and on such terms (as to remuneration and otherwise) as the directors may determine, and no director or intending director shall be disqualified by his office from contracting with the Company either with regard to his tenure of any such other office or place of profit or as vendor, purchaser or otherwise, nor shall any such contract, or any contract or arrangement entered into by or on behalf of the Company in which any director is in any way interested, be liable to be avoided, nor shall any director so contracting or being so interested be liable to account to the Company for any profit realised by any such contract or arrangement by reason of such director holding that office or of the fiduciary relationship established by his holding of that office.
33. Any director may act by himself or through his firm in a professional capacity for the Company, and he or his firm shall be entitled to remuneration for professional services as if he were not a director provided that nothing contained in this article shall authorise a director or his firm to act as auditor to the Company.

NOTICES

34. Any notice or other document to be served on or by or delivered to or by any person pursuant to these articles (other than a notice calling a meeting of the directors) shall be in writing and shall be served or delivered in accordance with articles 35 and 36 or article 37 as the case may be.
35. Any notice or other document may only be served on, or delivered to, any member by the Company:
- 35.1 personally;
 - 35.2 by sending it through the post in a prepaid envelope addressed to the member at his registered address (whether such address be in the United Kingdom or otherwise);
 - 35.3 by delivery of it by hand to or leaving it at that address in an envelope addressed to the member;
 - 35.4 except in the case of a share certificate and only if an address has been specified by the member for such purpose, by electronic communication.
36. In the case of joint holders of a share, all notices and other documents shall be given to the person named first in the register in respect of the joint holding and notice so given shall be sufficient notice to all joint holders.
37. Any notice or other document may only be served on, or delivered to, the Company by anyone:
- 37.1 by sending it through the post in a prepaid envelope addressed to the Company or any officer of the Company at the office or such other place in the United Kingdom as may from time to time be specified by the Company;
 - 37.2 by delivery of it by hand to the office or such other place in the United Kingdom as may from time to time be specified by the Company;
 - 37.3 if an address has been specified by the Company for such purpose (and in the case of an appointment of a proxy such address has been specified in a document or other communication referred to in article 17.2), by electronic communication.
38. Any notice or other document (other than the appointment of a proxy):

- 38.1 addressed to the recipient in the manner prescribed by these articles shall, if sent by post, be deemed to have been served or delivered:
- 38.1.1 (if prepaid as first class) 24 hours after it was posted; and
- 38.1.2 (if prepaid as second class) 48 hours after it was posted;
- 38.2 not sent by post but delivered by hand to or left at an address in accordance with these articles shall be deemed to have been served or delivered on the day it was so delivered or left;
- 38.3 sent by electronic communication shall be deemed to have been served or delivered 48 hours after it was sent and in proving such service it shall be sufficient to produce a transaction report or log generated by a fax machine which evidences the fax transmission or a confirmation setting out the total number of recipients sent to or each recipient to whom the message was sent as the case may be.
39. Regulation 116 shall be modified by deleting the words "within the United Kingdom".

INDEMNITY AND INSURANCE

40. Subject to the provisions of the Act but without prejudice to any indemnity to which he may otherwise be entitled, every director, alternate director, auditor or other officer of the Company shall be entitled to be indemnified out of the assets of the Company against all costs, charges, expenses, losses or liabilities which he may sustain or incur in or about the execution of his office or otherwise in relation to it, including (without prejudice to the generality of the foregoing) any liability incurred defending any proceedings, whether civil or criminal, which relate to anything done or omitted or alleged to have been done or omitted by him as an officer or employee of the Company in which judgment is given in his favour or in which he is acquitted, or which are otherwise disposed of without any finding or admission of material breach of duty on his part or in connection with any application in which relief is granted to him by the court from liability for negligence, default, breach of duty or breach of trust in relation to the affairs of the Company.
41. The directors may exercise all the powers of the Company to purchase and maintain for any director, auditor or other officer (including former directors and other officers), or any person, insurance against any liability for negligence default, breach of duty or breach of trust or any other liability in relation to the affairs of the Company which may be lawfully insured against.