These diagrams apply to STANDARD FRAME INDUCTION MOTORS which are used in the following products:

- AD/E_D/V Alpha/Beta Series
  Diags. DD 4, 5, 6, 9
- AD/E_S Alpha Series Supply
  Diags. DD 4, 5, 6, 9
- *AL_ Centrifugal fans
  Diags. DD 1, 2
- *AP/APV_ Axial Flow fans
  Diags. DD 1, 2, 3
- *APB_ Belt-driven axial fans
  Diags. DD 1, 2, 3, 7
- *APS_ Belt-driven axial fans
  Diags. DD 1, 2, 3, 7
- BFA_ Bifurcated fans
  Diags. DD 1, 2, 3, 7, 8
- CGD/E_ GE Series
  Diags. DD 4-6/47
- *CHD/E_ Heritage Series
  Diags. DD 1, 2, 3, 7, 8
- *CHS_ Heritage Smoke-Spill
  Diags. DD 1, 2, 3
- CPD/E_ Compact 2000
  Diags. DD 1, 4, 5, 6, 9
- *FAD_ FA Series
  Diags. DD 1, 2, 3, 7
- *FL_BD FlexLine Series
  E-3, E-7/11
  Diags. DD 1, 2, 3, 7
- *FL_DD FlexLine Series
  E-3/6
  Diags. DD 1, 2, 3, 7
- *HC_ High Capacity Series
  Diags. DD 1, 2, 3, 7, 8
- JV_ JetVent Axial
  Diags. DD 1, 3
- *L_ Centrifugal fans
  Diags. DD 1, 2
- *MMD/E Multiflow Series
  Diags. DD 1, 2, 3, 6, 8
- *PC_DD PowerLine Series
  Diags. DD 1, 2, 3, 7, 8
- *RDE_ New Generation Series
  Diags. DD 1, 2, 3, 7, 8
- *RDLE_ Alpha/Beta Industrial
  Diags. DD 1, 2, 3, 8
- *RDS_ New Generation Series
  Diags. DD 1, 2, 3, 8
- RSS_ New Generation Series
  Diags. DD 1, 2, 3, 8
- *RVE_ New Generation Series
  Diags. DD 1, 2, 3
- *RVLE_ Alpha/Beta Industrial
  Diags. DD 1, 2, 3, 8
- SCD/E_ Short Cased Series
  Diags. DD 1, 2, 3, 8
- *SQ_ SQ Series
  Diags. DD 4, 5, 6, 9
- SS_ Smoke-Spill Series
  Diags. DD 1, 2, 3

3Ø WIRING DIAGRAMS

Diagram DD1
SINGLE SPEED MOTORS refer to the name plate data for correct connection

For delta (3) wired motors

Diagram DD2
TWO-SPEED MOTORS with 2 separate windings (dual winding)

High speed

Low speed

Diagram DD3
TWO-SPEED MOTORS in Dahlander connection (tapped winding)

High speed

Low speed

Diagram DD4
Single speed only

Codes: ..31. and ..35.

3Ø WIRING DIAGRAMS

*NOTE: Refer to the motor manufacturer's data on the motor for wiring diagrams on standard frame Ex e, Ex d etc. motors.

These diagrams are current at the time of publication, check the wiring diagram supplied with the motor.
These diagrams are current at the time of publication, check the wiring diagram supplied with the motor.
These diagrams mainly apply to **EXTERNAL ROTOR MOTORS** but some standard frame induction motor diagrams have been included for ease of presentation.

- CD/E..D/V Gamma Series Diags. ER 1, 2, 4, 5
- CD/E..VGL GL Gamma Series Diags. ER 1, 2, 4, 5
- CD/E..S Gamma Supply Series Diags. ER 1, 2, 4, 5
- CF. Compact axial fans Single-phase motors Diag. ER 6
- EDM.. EDM Series Diags. ER 1, 2, 4, 5
- EN.. EN Series Diag. ER 6
- FL.. FlexLine Series Diags. ER 1, 2, 4, 5
- FP. Compact F/Proof Series Diag. ER 6
- FSU.. Filtered Supply Unit Series 1; AC motors Diag. ER 4
- EDM..CT & ..CR Codes: CE45.. and over + other fans as shown
- HCM.. HCM Series Diag. ER 4
- HV.. Stylvent Series Diags. ER 6, 8
- FL..ER FlexLine Series Diags. ER 1, 2, 4, 5
- FP .. Compact F/Proof Series Diag. ER 6
- FSU146 See M-9
- GRE.. Sigma Series Diag. ER 4
- HB.. Header Box Diag. ER 4
- HCM.. HCM Series Diag. ER 4
- HV.. Stylvent Series Diags. ER 6, 8
- HXM.. HXM Series Diag. ER 6
- MT.. Minitube Series Diags. ER 4, 6
- MV.. Minivent Series Diags. ER 4, 6
- MT.. Minitube Series Diags. ER 4, 6
- MF.. Minitube Series Diags. ER 4, 6
- MV.. Minivent Series Diags. ER 4, 6
- PC..ER PowerLine Series Diags. ER 1, 2, 3, 4, 5
- PF.. Profile Fan Series Diag. ER 4
- RP.. Ring Plate Series Diag. ER 4
- TILD/E.. Twin Neta Series Diags. ER 1, 2, 4, 5
- VM.. VentMajor Series Diag. ER 6
- VRP.. Ring Plate Series Diag. ER 4
- WCD/E.. Delta Series Diags. ER 1, 2, 4, 5
- WCD/E.. Delta Series, Twin fan Diags. ER 1, 2, 4, 5

These diagrams are current at the time of publication, check the wiring diagram supplied with the motor.
These diagrams apply to **EXTERNAL ROTOR MOTORS** that are fitted to the following products:

- **EIE..** Efit In-Wall Diag. ER 11
- **FSU146** Filtered Supply Units Series 3 Diag. ER 12
- **Other FSU units** See page M-8
- **JISU..** JetVent Centrifugal Diag. ER 9
- **JIU..** JetVent Multiflow Diag. ER 9
- **JV..** JetVent Axial See page M-6
- **JW..** JetVent Warehouse Diag. ER 9
- **TD..** Mixvent Series Diag. ER 10
- **WJ..** WhisperJet Fan Kit Diag. ER 10

These diagrams apply to **INTELLIGENT CONTROL MOTORS** that are fitted to the following products:

- **CD/EEC..** Gamma EC Diags. IC1, 2
- **CD/EEC..VGL** Gamma EC Diags. IC1, 2
- **ESAP** Eco-Speed Axial Diag. IC3
- **ESPCE** Eco-Speed PowerLine Diag. IC3
- **PCD/EEC** PowerLine EC Diags. IC1, 2

**3Ø WIRING DIAGRAMS**

**Diagram ER9**

**TWO SPEED STAR/DELTA MOTOR**

- **Codes:** FSU146-4-A1

**Diagram ER10**

**Codes:** All Mixvent units

**Diagram ER11**

**Codes:** EIE150

**Diagram ER12**

**Codes:** FSU146-4-A1

**Diagram IC1**

**Diagram IC2**

**Diagram IC3**

These diagrams are current at the time of publication, check the wiring diagram supplied with the motor.