Experiment 1 - Datasheet

3.3.2. Inlet Damper Control									
Inlet Damper Position	**V_{in} (V)**	**I_{in} (A)**	**P_{in} (kW)**	**f (Hz)**	**V_{out} (V)**	**I_{out} (A)**	**T_{out} (Nm)**	**P_{out} (kW)**	**v (m/s)**
Comp. Open									
1									
2									
3									
Comp. Closed									

3.3.3. Outlet Damper Control									
Outlet Damper Position	**V_{in} (V)**	**I_{in} (A)**	**P_{in} (kW)**	**f (Hz)**	**V_{out} (V)**	**I_{out} (A)**	**T_{out} (Nm)**	**P_{out} (kW)**	**v (m/s)**
Comp. Open									
1									
2									
3									
Comp. Closed									

3.3.4. Inverter Driven Speed Control (Linear V/f, f = 70 Hz)									
Frequency	**V_{in} (V)**	**I_{in} (A)**	**P_{in} (kW)**	**f (Hz)**	**V_{out} (V)**	**I_{out} (A)**	**T_{out} (Nm)**	**P_{out} (kW)**	**v (m/s)**
70 Hz									
50 Hz									
30 Hz									
18 Hz									
5 Hz									

3.3.4. Inverter Driven Speed Control (Parabolic V/f, f = 70 Hz)								
Frequency	**V_{in} (V)**	**I_{in} (A)**	**P_{in} (kW)**	**f (Hz)**	**V_{out} (V)**	**I_{out} (A)**	**T_{out} (Nm)**	**P_{out} (kW)**
70 Hz								
50 Hz								
30 Hz								
18 Hz								
5 Hz								

Group No:	
Experiment Date	

Experiment 1 - Datasheet

3.3.4. Inverter Driven Speed Control (Linear V/f, f = 50 Hz)									
Frequency	**V_{in} (V)**	**I_{in} (A)**	**P_{in} (kW)**	**f (Hz)**	**V_{out} (V)**	**I_{out} (A)**	**T_{out} (Nm)**	**P_{out} (kW)**	
50 Hz									
35 Hz									
25 Hz									
15 Hz									
5 Hz									

3.3.4. Inverter Driven Speed Control (Parabolic V/f, f = 50 Hz)									
Frequency	**V_{in} (V)**	**I_{in} (A)**	**P_{in} (kW)**	**f (Hz)**	**V_{out} (V)**	**I_{out} (A)**	**T_{out} (Nm)**	**P_{out} (kW)**	
50 Hz									
35 Hz									
25 Hz									
15 Hz									
5 Hz									

3.3.4. Inverter Driven Speed Control (Sensorless Vector Control, f = 50 Hz)									
Frequency	**V_{in} (V)**	**I_{in} (A)**	**P_{in} (kW)**	**f (Hz)**	**V_{out} (V)**	**I_{out} (A)**	**T_{out} (Nm)**	**P_{out} (kW)**	
50 Hz									
35 Hz									
25 Hz									
15 Hz									
5 Hz									

Group No:	
Experiment Date	