

## Set-Looping Functions

Set-Looping functions operate over an entire set and, with the exception of the *@FOR* operator, produce a single result. The syntax is as follows.

*set\_operator (set\_name | condition : expression)*

The *condition* part in the specification is optional. The available functions are listed below.

### **@FOR (set\_name : constraint\_expressions)**

Generates constraints independently for each element of the set named in *set\_name*.

### **@MAX (set\_name : expression)**

Returns the maximum value taken by *expression* over the set.

### **@MIN (set\_name : expression)**

Returns the minimum value *expression* takes on over the set.

### **@SUM (set\_name : expression)**

Returns the sum of *expression* over *set\_name*.